

**Voluntary Report** – Voluntary - Public Distribution

**Date:** December 05, 2024

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**Report Name:** National Food Safety Standard for Flavorings Notified to WTO

**Country:** China - People's Republic of

**Post:** Beijing

**Report Category:** FAIRS Subject Report, Sanitary/Phytosanitary/Food Safety, WTO Notifications

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**Report Highlights:**

On October 18, 2024, the People's Republic of China (PRC) notified National Food Safety Standard for Flavorings to the World Trade Organization (WTO) under G/SPS/N/CHN/1315. The PRC's SPS Enquiry Point at [sps@customs.gov.cn](mailto:sps@customs.gov.cn) will accept comments until December 17, 2024. There is currently no published date for implementation of the standard. This report provides an unofficial translation of the notification to the standard. Stakeholders should conduct their own review of the regulation.

## **Background and Report Summary:**

On October 18, 2024, the People’s Republic of China (PRC) notified National Food Safety Standard for Flavorings to the World Trade Organization (WTO) under [G/SPS/N/CHN/1315](#). This report provides an unofficial translation of the notification. There is currently no published date for implementation of the standard. Stakeholders should conduct their own review of the regulation. The PRC’s SPS Enquiry Point at [sps@customs.gov.cn](mailto:sps@customs.gov.cn) will accept comments until December 17, 2024.

This standard applies to flavoring substances and natural flavoring complexes authorized in National Food Safety Standard for Uses of Food Additives (GB 2760). Please refer to FAS [GAIN Report CH2024-0059](#) for more information on GB 2760. The notified standard amended the general requirements and testing methods for flavoring substances compared with the current implementing standard [GB29938-2020](#) (link in Chinese).

This notification made references to Nerol JECFA Number 1224 (Evaluation Year: 2003) of the CODEX standard.

## **BEGIN TRANSLATION**

### **National Food Safety Standard for Flavorings (Draft for Comments)**

#### **Foreword**

This standard replaces GB 29938-2020 National Food Safety Standard General Rules for Flavorings Used in Foods.

Compared with GB 29938-2020, the main changes in this standard are as follows:

- Revised and improved the definition of terms and add “hot processing flavoring for food” and “smoking flavoring for food;”
- Modified Appendix D “Content Requirements for Synthetic Flavoring for Food;”
  - a) Added two new kinds of flavorings and their quality specification requirements;
  - b) Added quality specification requirements of 16 flavorings;
  - c) Added Table D.2 Test Method for Technical Requirements of Synthetic Flavorings for Food in Appendix D;
- Modified and improved the names of the flavorings according to GB 2760 National Food Safety Standard for Uses of Food Additives.

# **National Food Safety Standard General Rules of Flavorings for Food Usage**

## **1. Scope**

This standard is applicable to food flavorings that are allowed to be used in GB 2760 without separate quality specification standards or published specifications.

## **2. Terms and Definitions**

The following terms and definitions apply to this document.

### **2.1 Food Flavorings**

A substance added to a food product to produce, modify, or enhance flavors. Food flavorings include natural flavor compounds, natural flavoring substances, synthetic flavorings, hot processing flavorings, and smoking flavorings for foods. Generally, they are prepared as food flavoring substances then used for adding food flavors, and some can be used directly for adding food flavors.

### **2.2 Natural Flavorings for Food**

Flavoring substance derived from animals or plants by physical, enzymolysis, or microbiological processes, or with a chemically well-defined property. The natural flavorings include the natural flavoring compound and the natural flavoring substance for food.

### **2.3 Natural Flavoring Compounds for Food**

Flavoring substance derived from animals or plants by physical, enzyme, or microbiological processes (consisting multiple components), the materials derived from animals or plants can be unprocessed or processed through traditional food preparation processes. The natural flavoring compounds include essential oils, fruit juice essential oils, extracts, protein hydrolysates, distillates, or products processed through baking, heating, or enzymolysis.

### **2.4 Natural Flavoring Substances for Food**

Substance derived from animals or plants with clear chemical structure and flavoring characteristics, by physical, enzymolysis, or microbial processes, and it can also be called natural monomer flavorings for food. The materials derived from animals or plants can be unprocessed or processed through traditional food preparation processes.

## **2.5 Hot Processed Flavorings for Food**

Hot processed flavoring for food is a product or mixture prepared for food based on their flavor characteristics. It is a product produced from a food material or component thereof through a food preparation process similar to cooking. Non-enzymatic browning products are bound to be present in hot processed flavorings for food.

## **2.6 Smoked Flavorings for Food**

It is a complex mixture of smoke components. Unprocessed wood and its analog (e.g. hawthorn nut) are cracked, dried, or superheated steam in the presence of a limited controlled amount of air to produce wood fume, which is sent to a water quality extraction system or is distilled, concentrated, and separated to collect the aqueous phase.

Note: The main flavor components of food smoked flavorings are carboxylic acids, carbonyl components, and phenolic compounds.

## **2.7 Synthetic Flavorings for Food**

It is the substance with clear chemical structure formed by chemical synthesis and with flavor characteristics.

# **3. Requirements**

## **3.1 General Requirements for Natural Flavorings for Food**

3.1.1 During the production and processing of natural flavorings for food, if the extraction solvent is required due to the necessity of the process, the amount of solvent used and the residual amount in the final product shall be reduced as far as possible under the premise of achieving the intended purpose. The residual amount shall not be harmful to health and shall not play a functional role in the final food. See Table A.1 in Appendix A for the list of extraction solvents allowed to be used in natural food flavorings.

3.1.2 See Table B.1 in Appendix B for the list of natural flavorings for food from marine sources.

3.1.3 The enzyme preparations used in the production of natural flavoring compounds for food shall comply with GB 2760 for list of enzyme preparations for food and their sources and relevant announcements of the health administration department. The culture used shall comply with the requirements of *List of Culture Available for Food* and/or *List of Culture Available for Foods for Young Children* and relevant announcements of Health Administrative Departments. The initial materials of the natural flavoring compounds for food shall be the animal and plant source materials that can be consumed as food.

3.1.4 Content of natural monomer flavorings for food shall comply with Table C.1 in Appendix C. The test method shall be in accordance with GB/T 11538 or GB/T 11539. If special requirements are indicated, the test shall be carried out accordingly.

3.1.5 The indicators of contaminants in natural flavorings for food shall comply with Table 1.

**Table 1: Contaminants Indicators**

| Item                           |   | Natural flavorings for food from marine products | Natural flavorings for food not from marine products | Testing methods          |
|--------------------------------|---|--|--|--------------------------|
| Heavy metals (Pb)/(mg/kg)      | ≤ | 10   |  | GB 5009.74               |
| Total arsenic (As)/(mg/kg)     | ≤ | 3 <sup>a</sup>                                   | 3  | GB 5009.76 or GB 5009.11 |
| Inorganic Arsenic (As)/(mg/kg) | ≤ | 1.5  | -  | GB 5009.11               |

A When the total arsenic content does not exceed 3 mg/kg, it can be judged to meet the limit requirements without determining inorganic arsenic; When the total arsenic content exceeds 3 mg/kg, the inorganic arsenic content shall be determined.

### 3.2 Requirements for Synthetic Flavorings for Food

Technical requirements for synthetic flavorings for food shall comply with Table D.1 in Appendix D, and the test method shall be in accordance with Table D.2. If there are national food safety standards or relevant announcements from the Health Administrative Departments, or special requirements are indicated in Table D.1, the test shall be carried out accordingly.

**Appendix A**  
**Extraction solvents allowed to be used in natural food flavorings.**

See Table A.1 for the list of extraction solvents allowed to be used in natural food flavorings.

**TableA.1: Lists of Extraction Solvents Allowed to be Used in Natural Food Flavorings**

| SN | Chinese name of solvent | English name of the solvent |
|----|-------------------------|-----------------------------|
| 1  | 丁烷                      | Butane                      |
| 2  | 丙烷                      | Propane                     |
| 3  | 异丁烷                     | Isobutane                   |
| 4  | 甲苯                      | Toluene                     |
| 5  | 环己烷                     | Cyclohexane                 |
| 6  | 己烷                      | Hexane                      |
| 7  | 石油醚                     | Light petroleum             |
| 8  | 甲醇                      | Methanol                    |
| 9  | 丁醇                      | Butanol                     |
| 10 | 丙酮                      | Acetone                     |
| 11 | 乙基甲基酮                   | Ethyl methyl ketone         |
| 12 | 乙酸乙酯                    | Ethyl acetate               |
| 13 | 乙醚                      | Diethyl ether               |
| 14 | 丁醚                      | Dibutyl ether               |
| 15 | 甲基叔丁基醚                  | Methyl tert-butylether      |
| 16 | 二氯甲烷                    | Dichloromethane             |
| 17 | 二氧化碳                    | Carbone dioxide             |

Note: food or food ingredients (such as water, edible alcohol, edible animal and plant fats, etc.), and allowable food flavorings can be used as extraction solvents.

**Appendix B**  
**Natural Flavorings for Food (from Marine Products)**

The list of natural flavorings for food from marine product sources is as shown in Table B.1.

**Table B.1: List of Natural Flavorings for Food from Marine Sources**

| Code | Name of the flavorings    | English name   | FEMA No. |
|------|---------------------------|--|----------|
| N203 | 海草(藻)提取物                  | Kelp ( <i>Laminaria</i> and <i>kereocystis</i> spp.) | 2606     |
| N330 | 海藻净油                      | <i>Algues</i> absolute                               | -        |
| N379 | 干制鲤鱼(CO <sub>2</sub> )提取物 | Katsuobushi CO <sub>2</sub> extract                  | -        |
| N396 | 褐藻胶                       | Algin ( <i>Laminaria</i> spp. and other kelps)       | 2014     |

**Appendix C**  
**Content Requirements for Natural Monomer Flavorings for Food**

See Table C.1 for the content requirements of natural monomer flavorings for food.

**Table C.1: Content Requirements for Natural Monomer Flavorings for Food**

| Code | Name of the spice                    | English name                             | FEMA NO. | Content $\geq$ (%)   | Testing Method             |
|------|--------------------------------------|--|----------|--|----------------------------|
| N220 | d-樟脑                                 | d-Camphor                                | 2230     | 96   | GB/T 11538 or GB/T 11539   |
| N252 | 油酸                                   | Oleic acid                               | 2815     | 90 (Sum of oleic acid, palmitic acid, and other fatty acids shall be not less than 99) | GB/T 11538 or GB/T 14455.5 |
| N277 | 檀香醇 (包括 $\alpha$ -檀香醇, $\beta$ -檀香醇) | Santalol, $\alpha$ - and $\beta$ -       | 3006     | 95(Sum of $\alpha$ -, $\beta$ - isomers)   | GB/T 11538 or GB/T 11539   |
| N395 | $\beta$ -愈疮木烯                        | $\beta$ -GuaieneGuaia-1(5), 7(11)-diene) | -        | 96   | GB/T 11538 or GB/T 11539   |



**Appendix D**  
**Technical Requirements for Synthetic Flavorings for Food**

D.1 See Table D.1 for technical requirements for synthetic flavorings for food.

D.2 See Table D.2 for corresponding technical requirements and test methods of synthetic flavorings for food.

**Table D.1: Technical Requirements for Synthetic Flavorings for Food**

| Code  | Name of the spice | English name                | FEMA NO. | Technical requirements                              | Remarks                                       |
|-------|-------------------|-----------------------------|----------|---|---|
| S0005 | 异丁醇               | Isobutyl alcohol            | 2179     | Content: $\geq 98\%$                                |   |
| S0006 | 正戊醇               | 1-Pentanol (Amyl alcohol)   | 2056     | Content: $\geq 98\%$                                |   |
| S0007 | 2-戊醇              | 2-Pentanol                  | 3316     | Content: $\geq 97.9\%$                              |   |
| S0008 | 异戊醇               | Isoamyl alcohol             | 2057     | Content: $\geq 98\%$                                |   |
| S0009 | 1-戊烯-3-醇          | 1-Penten-3-ol               | 3584     | Content: $\geq 98\%$                                |   |
| S0010 | 正己醇               | 1-Hexanol (Hexyl alcohol)   | 2567     | Content: $\geq 96.5\%$                              |   |
| S0011 | 2-己烯-1-醇          | 2-Hexen-1-ol                | 2562     | Content: $\geq 95\%$ (Sum of cis and trans isomers) |   |
| S0012 | 4-己烯-1-醇          | 4-Hexen-1-ol                | 3430     | Content: $\geq 96\%$                                |   |
| S0013 | 正庚醇               | 1-Heptanol (Heptyl alcohol) | 2548     | Content: $\geq 97\%$                                |   |
| S0014 | 正辛醇               | 1-Octanol (Octyl alcohol)   | 2800     | Content: $\geq 98\%$                                |   |
| S0015 | 2-辛醇              | 2-Octanol                   | 2801     | Content: $\geq 97\%$                                |   |
| S0017 | 顺式-5-辛烯-1-醇       | <i>cis</i> -5-Octen-1-ol    | 3722     | Content: $\geq 90\%$                                | Minor ingredients: <i>trans</i> -5-Octen-1-ol |
| S0018 | 正壬醇               | 1-Nonanol (Nonyl alcohol)   | 2789     | Content: $\geq 97\%$                                |   |
| S0019 | 顺式-6-壬烯-1-醇       | <i>cis</i> -6-Nonen-1-ol    | 3465     | Content: $\geq 95\%$                                |   |
| S0020 | 反式-2-壬烯-1-醇       | <i>trans</i> -2-Nonen-1-ol  | 3379     | Content: $\geq 95\%$                                |   |
| S0021 | 2,6-壬二烯-1-醇       | 2,6-Nonadien-1-ol           | 2780     | Content: $\geq 95\%$                                |   |
| S0022 | 正癸醇               | 1-Decanol (Decyl alcohol)   | 2365     | Content: $\geq 98\%$                                |   |
| S0023 | 十一醇               | Undecyl alcohol             | 3097     | Content: $\geq 97\%$                                |   |

|       |                           |  |      |   |  |
|-------|---------------------------|--|------|---|--|
| S0024 | 月桂醇 (又名十二醇)               | Lauryl alcohol (Dodecyl alcohol)                   | 2617 | Content: $\geq 97\%$  |  |
| S0025 | 1-十六醇                     | 1-Hexadecanol                                      | 2554 | Content: $\geq 97\%$  |  |
| S0026 | 小茴香醇                      | Fenchyl alcohol                                    | 2480 | Content: $\geq 97\%$ (C <sub>10</sub> H <sub>18</sub> O)  |  |
| S0028 | 龙脑                        | Borneol  | 2157 | Content: $\geq 97\%$ (Contains isoborneol and other borneol isomers and trace amounts of fengol and other C <sub>10</sub> H <sub>18</sub> O compounds)  |  |
| S0031 | 异胡薄荷醇                     | Isopulegol   | 2962 | Content: $\geq 95\%$ (Sum of isomers)   |  |
| S0032 | 苏合香醇 (又名 $\alpha$ -甲基苄醇)  | Styralyl alcohol ( $\alpha$ -Methylbenzyl alcohol) | 2685 | Content: $\geq 99\%$  |  |
| S0035 | 苯丙醇                       | Phenylpropyl alcohol                               | 2885 | Content: $\geq 98\%$  |  |
| S0036 | 玫瑰醇                       | Rhodinol   | 2980 | Content: $\geq 82\%$ (total alcohol C <sub>10</sub> H <sub>20</sub> O)  | Minor ingredients: citronellyl acetate, neryl acetate, and geranyl acetate   |
| S0038 | 金合欢醇                      | Farnesol   | 2478 | Content: $\geq 96\%$ (Sum of isomers)   |  |
| S0039 | 香叶醇                       | Geraniol   | 2507 | Color: colorless<br>State: Liquid<br>Aroma: Rose like aroma<br>Content: $\geq 88\%$ (total alcohol C <sub>10</sub> H <sub>20</sub> O)<br>Acid number, mg KOH/g: $\leq 1.0$<br>Relative density (25°C/25°C): 0.870~0.885<br>Refractive index (20°C): 1.469~1.478 | Minor ingredients: citronellyl acetate, neryl acetate, and geranyl acetate   |
| S0040 | <i>dl</i> -香茅醇            | <i>dl</i> -Citronellol                             | 2309 | Content: $\geq 90\%$ (Total alcohol C <sub>10</sub> H <sub>20</sub> O)  | Minor ingredients: bis unsaturated C <sub>10</sub> alcohol and saturated C <sub>10</sub> alcohol, citronellyl acetate, citronellal |
| S0043 | $\alpha$ -紫罗兰醇 (又名甲位紫罗兰醇) | $\alpha$ -Ionol                                    | 3624 | Content: $\geq 99\%$  |  |
| S0044 | $\beta$ -紫罗兰醇 (又名乙位紫罗兰醇)  | $\beta$ -Ionol                                     | 3625 | Content: $\geq 92\%$ (The sum of isomers of ionol and ionone shall not be less than   |  |

|       |             |                                 |      |   |  |
|-------|-------------|---------------------------------|------|---|--|
|       | 罗兰醇)        |                                 |      | 99%)  |  |
| S0045 | 二氢-β-紫罗兰醇   | Dihydro-β-ionol                 | 3627 | Content: ≥97%   |  |
| S0046 | 橙花醇         | Nerol                           | 2770 | Color: colorless<br>State: Liquid<br>Aroma: Rose like aroma<br>Content: ≥95% (Total alcohol C <sub>10</sub> H <sub>18</sub> O)<br>Acid value, mg KOH/g: ≤ 1.0<br>Relative density (25°C/25°C):<br>0.875~0.880<br>Refractive index (20°C): 1.467~1.478 |  |
| S0047 | 橙花叔醇        | Nerolidol                       | 2772 | Content: ≥97%   |  |
| S0048 | 二甲基苄基原醇     | Dimethyl benzyl carbinol        | 2393 | Content: ≥97%   |  |
| S0049 | 正丙醇         | 1-Propanol (Propyl alcohol)     | 2928 | Content: ≥99%   |  |
| S0050 | 3-己醇        | 3-Hexanol                       | 3351 | Content: ≥97%   |  |
| S0051 | 1-己烯-3-醇    | 1-Hexen-3-ol                    | 3608 | Content: ≥98%   |  |
| S0052 | 2-乙基己醇      | 2-Ethyl-1-hexanol               | 3151 | Content: ≥97%   |  |
| S0053 | 2-庚醇        | 2-Heptanol                      | 3288 | Content: ≥96%   |  |
| S0054 | 3-辛醇        | 3-Octanol                       | 3581 | Content: ≥97%   |  |
| S0055 | 顺式-3-辛烯-1-醇 | cis-3-Octen-1-ol                | 3467 | Content: ≥96% (C <sub>8</sub> H <sub>16</sub> O, cis isomer)  |  |
| S0056 | 2-十一醇       | 2-Undecanol                     | 3246 | Content: ≥98%   |  |
| S0057 | 对,α-二甲基苄醇   | p, α-Dimethylbenzyl alcohol     | 3139 | Content: ≥96%   |  |
| S0058 | 对-异丙基苄醇     | p-Isopropylbenzyl alcohol       | 2933 | Content: ≥97%   |  |
| S0059 | 对,α,α-三甲基苄醇 | p, α, α-Trimethylbenzyl alcohol | 3242 | Content: ≥90% (containing p-isopropyl methylbenzene)  |  |
| S0060 | β-石竹烯醇      | β-Caryophyllene alcohol         | 4410 | Content: ≥92%   |  |
| S0061 | 龙蒿脑         | Estragole                       | 2411 | Content: ≥95%   |  |
| S0062 | 四氢香叶醇       | Tetrahydrogeraniol              | 2391 | Color: colorless<br>State: Liquid<br>Aroma: sweet rose fragrance<br>Content: ≥90%   | Minor ingredients: geraniol, citronellol |

|       |   |  |      |   |  |
|-------|---|--|------|---|--|
|       |   |  |      | Acid value, mg KOH/g: <1.0<br>Relative density (25°C/25°C):<br>0.826~0.842<br>Refractive index (20°C): 1.435~1.445  |  |
| S0064 | 1-对-盖烯-4-醇 (又名 1-对-薄荷烯-4-醇)             | 1- <i>p</i> -Menthen-4-ol  | 2248 | Color: colorless to light yellow<br>Condition: Oily liquid<br>Aroma: Pepper, dirt, mouldy wood aroma<br>Content: ≥96%<br>Relative density (25°C/25°C):<br>0.928~0.934<br>Refractive index (20°C): 1.476~1.480 |  |
| S0065 | 紫苏醇                                     | Perilla alcohol  | 2664 | Content: ≥96%   |  |
| S0066 | 薄荷脑                                     | Menthol  | 2665 | Content: ≥95% (Sum of two isomers)  |  |
| S0067 | 3-( <i>l</i> -薄荷氧基)-2-甲基-1,2-丙二醇        | 3-( <i>l</i> -Menthoxo)-2-methylpropane-1,2-diol                         | 3849 | Content: ≥99%   |  |
| S0068 | 3,5,5-三甲基环己醇                            | 3,5,5-Trimethylcyclohexanol  | 3962 | Content: ≥98%   |  |
| S0069 | 顺式-2-壬烯-1-醇                             | <i>cis</i> -2-Nonen-1-ol   | 3720 | Content: ≥96%   |  |
| S0070 | 反式,反式-2,4-癸二烯醇                          | <i>E, E</i> -2,4-Decadien-1-ol ( <i>trans, trans</i> -2,4-Decadien-1-ol) | 3911 | Content: ≥92%   | Minor ingredients: <i>trans, cis</i> -2,4-decadienol     |
| S0071 | 反式-2-辛烯-4-醇                             | ( <i>E</i> )-2-Octen-4-ol  | 3888 | Content: ≥95%   |  |
| S0072 | 对-盖-烯-1-醇 (又名对-3-薄荷烯-1-醇)               | <i>p</i> -Menth-3-en-1-ol  | 3563 | Content: ≥95%   |  |
| S0073 | 对-盖-1,8(10)二烯-9-醇 [又名对-1,8(10)薄荷二烯-9-醇] | Menthadienol [ <i>p</i> -mentha-1,8(10)-dien-9-ol]                       | -    | Content: ≥95%   |  |
| S0074 | 柏木烯醇                                    | Cedrenol   | -    | Content: ≥95%   |  |
| S0075 | 脱氢芳樟醇                                   | Dehydrolinalool [( <i>E</i> )-3,7-Dimethyl-1,5,7-octatrien-3-ol]         | 3830 | Content: ≥93%   | Minor ingredients: linalool, linalool oxide, and nerolid |

|       |                 |                               |      |   |
|-------|-----------------|-------------------------------|------|---|
| S0078 | <i>l</i> -鼠李糖   | <i>l</i> -Rhamnose            | 3730 | <p>Color: colorless or white<br/> State: Crystalline or crystalline powder<br/> Moisture, w/%: ≤ 11.0<br/> Content (dry basis): ≥ 98.0%<br/> Melting point/°C: 86~96<br/> Specific rotatory power (20°C):<br/> +7.5 °~+8.9 °<br/> Total plate count/(CFU/g): ≤ 1000<br/> Salmonella/25g: not detectable</p> |
| S0079 | 二苯醚             | Diphenyl ether                | 3667 | Content: ≥99%   |
| S0080 | 对-甲酚甲醚          | <i>p</i> -Cresyl methyl ether | 2681 | Content: ≥99%   |
| S0081 | 异丁香酚甲醚          | Isoeugenyl methyl ether       | 2476 | Content: ≥95%   |
| S0082 | 甲基苯乙醚           | Methyl phenethyl ether        | 3198 | Content: ≥99%   |
| S0083 | 朗姆醚 (又名乙醇氧化水合物) | Rum ether (Ethyl oxyhydrate)  | 2996 | Content: ≥80%   |
| S0084 | 仲丁基乙醚           | <i>sec</i> -Butyl ethyl ether | 3131 | Content: ≥99%   |
| S0085 | 乙基苄基醚           | Ethyl benzyl ether            | 2144 | Content: ≥98%   |
| S0086 | 大茴香醚            | Anisole                       | 2097 | Content: ≥99%   |
| S0087 | 邻-甲基大茴香醚        | <i>o</i> -Methylanisole       | 2680 | Content: ≥99%   |
| S0088 | 橙花醚             | Nerol oxide                   | 3661 | Content: ≥97%   |
| S0089 | 2,4-二甲基大茴香醚     | 2,4-Dimethylanisole           | 3828 | Content: ≥96.5%   |
| S0090 | 香兰基乙醚           | Vanillyl ethyl ether          | 3815 | Content: ≥98%   |
| S0092 | 异丁香酚            | Isoeugenol                    | 2468 | Content: ≥99%   |
| S0093 | 甲基丁香酚           | Methyl eugenol                | 2475 | Content: ≥95%   |
| S0094 | 对-甲酚            | <i>p</i> -Cresol              | 2337 | Content: ≥99%   |
| S0095 | 邻-甲酚            | <i>o</i> -Cresol              | 3480 | Content: ≥98%   |
| S0096 | 间-甲酚            | <i>m</i> -Cresol              | 3530 | Content: ≥98%   |

|       |               |                            |      |  |  |
|-------|---------------|----------------------------|------|--|--|
| S0099 | 苯酚            | Phenol                     | 3223 | Content: $\geq 98\%$   |  |
| S0100 | 2-甲氧基-4-甲基苯酚  | 2-Methoxy-4-methylphenol   | 2671 | Content: $\geq 98\%$   |  |
| S0101 | 对-乙基苯酚        | <i>p</i> -Ethylphenol      | 3156 | Content: $\geq 99\%$   |  |
| S0102 | 2-甲氧基-4-乙烯基苯酚 | 2-Methoxy-4-vinylphenol    | 2675 | Content: $\geq 96\%$   |  |
| S0103 | 对-二甲氧基苯       | <i>p</i> -Dimethoxybenzene | 2386 | Content: $\geq 98\%$   |  |
| S0104 | 愈疮木酚          | Guaiacol                   | 2532 | Content: $\geq 99\%$   |  |
| S0105 | 4-乙基愈疮木酚      | 4-Ethylguaiacol            | 2436 | Content: $\geq 98\%$   |  |
| S0107 | 2-异丙基苯酚       | 2-Isopropylphenol          | 3461 | Content: $\geq 98\%$   |  |
| S0108 | 2,6-二甲基苯酚     | 2,6-Xylenol                | 3249 | Content: $\geq 99\%$   |  |
| S0109 | 2,6-二甲氧基苯酚    | 2,6-Dimethoxyphenol        | 3137 | Content: $\geq 98\%$   |  |
| S0110 | 间苯二酚          | Resorcinol                 | 3589 | Content: $\geq 98\%$   |  |
| S0112 | 2-甲氧基-4-丙基苯酚  | 2-Methoxy-4-propylphenol   | 3598 | Content: $\geq 98\%$   |  |
| S0113 | 2,5-二甲基苯酚     | 2,5-Xylenol                | 3595 | Content: $\geq 99\%$   |  |
| S0114 | 对-乙烯基苯酚       | <i>p</i> -Vinylphenol      | 3739 | Content: $\geq 99\%$   |  |
| S0115 | 乙醛            | Acetaldehyde               | 2003 | Content: $\geq 99\%$ (Dilute for use according to product characteristics)   |  |
| S0117 | 丙醛            | Propionaldehyde            | 2923 | Content: $\geq 97\%$   |  |
| S0118 | 3-(2-呋喃基) 丙烯醛 | 3-(2-Furyl) acrolein       | 2494 | Content: $\geq 97\%$   |  |
| S0119 | 丁醛            | Butyraldehyde              | 2219 | Content: $\geq 98\%$   |  |
| S0120 | 2-甲基丁醛        | 2-Methylbutyraldehyde      | 2691 | Content: $\geq 97\%$   |  |
| S0121 | 2-甲基-2-丁烯醛    | 2-Methyl-2-butenal         | 3407 | Content: $\geq 99\%$   |  |
| S0122 | 2-苯基-2-丁烯醛    | 2-Phenyl-2-butenal         | 3224 | Content: $\geq 97\%$   |  |
| S0123 | 戊醛            | Valeraldehyde              | 3098 | Content: $\geq 97\%$   |  |
| S0124 | 异戊醛           | Isovaleraldehyde           | 2692 | Color: colorless to light yellow<br>State: Liquid<br>Aroma: fruity, fatty, and almond fragrance<br>Content: $\geq 95\%$<br>Acid value, mg KOH/g: $\leq 15$ |  |

|       |                  |                                     |      |   |  |
|-------|------------------|-------------------------------------|------|---|--|
|       |                  |                                     |      | Relative density (20°C/20°C): 0.795~<br>0.815<br>Refractive index (20°C): 1.387~1.408 |  |
| S0125 | 2-甲基戊醛           | 2-Methylvaleraldehyde               | 3413 | Content: ≥97% (aldehyde)  |  |
| S0126 | 2-戊烯醛            | 2-Pentenal                          | 3218 | Content: ≥98%   |  |
| S0127 | 2-甲基-2-戊烯醛       | 2-Methyl-2-pentenal                 | 3194 | Content: ≥92%   | Minor ingredients:<br>propionaldehyde and propionic<br>acid                                  |
| S0128 | 4-甲基-2-苯基-2-戊烯醛  | 4-Methyl-2-phenyl-2-pentenal        | 3200 | Content: ≥95% (Sum of cis and trans<br>isomers)                                       |  |
| S0129 | 2,4-戊二烯醛         | 2,4-Pentadienal                     | 3217 | Content: ≥98%   |  |
| S0132 | 顺式-3-己烯醛         | <i>cis</i> -3-Hexenal               | 2561 | Content: ≥97%   |  |
| S0133 | 5-甲基-2-苯基-2-己烯醛  | 5-Methyl-2-phenyl-2-hexenal         | 3199 | Content: ≥96%   |  |
| S0134 | 2-异丙基-5-甲基-2-己烯醛 | 2-Isopropyl-5-methyl-2-hexenal      | 3406 | Content: ≥95%   |  |
| S0135 | 反式,反式-2,4-己二烯醛   | <i>trans, trans</i> -2,4-Hexadienal | 3429 | Content: ≥95%   |  |
| S0136 | 庚醛               | Heptyl aldehyde                     | 2540 | Content: ≥92%   | Minor ingredients: 2-<br>methylhexanal   |
| S0137 | 4-庚烯醛            | 4-Heptenal                          | 3289 | Content: ≥98% (Sum of cis and trans<br>isomers)                                       |  |
| S0138 | 反式-2-庚烯醛         | <i>trans</i> -2-Heptenal            | 3165 | Content: ≥97%   |  |
| S0140 | 2,4-庚二烯醛         | 2,4-Heptadienal                     | 3164 | Content: ≥92%   | Minor ingredients: <i>trans, cis</i> -<br>2,4-heptadiene aldehyde; 2,4 -<br>heptadienic acid |
| S0141 | 辛醛               | Octyl aldehyde                      | 2797 | Content: ≥92%   | Minor ingredients: 2-<br>methylheptanal  |
| S0142 | 2-辛烯醛            | 2-Octenal                           | 3215 | Content: ≥92% (Sum of cis and trans<br>isomers)                                       | Minor ingredients: 2-octenoic<br>acid; ethyl octylate;                                       |
| S0143 | 反式,反式-2,4-辛二烯醛   | <i>trans, trans</i> -2,4-Octadienal | 3721 | Content: ≥99%   |  |

|       |                    |   |      |   |  |
|-------|--------------------|---|------|---|--|
| S0144 | 反式,反式-2,6-辛二烯醛     | <i>trans, trans</i> -2,6-Octadienal                           | 3466 | Content: $\geq 96\%$ (Sum of cis and trans isomers) |  |
| S0145 | 壬醛                 | Nonanal   | 2782 | Content: $\geq 92\%$                                | Minor ingredients: 2-methyloctanal   |
| S0146 | 甲基壬乙醛 (又名 2-甲基十一醛) | Methylnonylacetaldehyde (2-Methylundecanal)                   | 2749 | Content: $\geq 97\%$                                |  |
| S0147 | 2-壬烯醛              | 2-Nonenal   | 3213 | Content: $\geq 92\%$ (Sum of cis and trans isomers) | Minor ingredients: 2-Nonenoic acid   |
| S0148 | 顺式-6-壬烯醛           | <i>cis</i> -6-Nonenal   | 3580 | Content: $\geq 90\%$                                | Minor ingredients: <i>trans</i> -6-nonenal   |
| S0149 | 反式-2-反式-4-壬二烯醛     | 2,4-Nonadienal ( <i>trans</i> -2- <i>trans</i> -4-Nonadienal) | 3212 | Content: $\geq 89\%$                                | Minor ingredients: 2,4-Nonadiene-1-ol, 2-Nonen-1-ol  |
| S0150 | 反式-2-顺式-6-壬二烯醛     | Nona-2- <i>trans</i> -6- <i>cis</i> -dienal                   | 3377 | Content: $\geq 92\%$                                | Minor ingredients: <i>trans</i> , <i>trans</i> -2,6-Nonadienal   |
| S0151 | 甲酸桃金娘烯酯            | Myrtenyl formate  | 3405 | Content: $\geq 96\%$                                |  |
| S0153 | 2-癸烯醛              | 2-Decenal   | 2366 | Content: $\geq 92\%$ (Sum of cis and trans isomers) | Minor ingredients: 2-Decanoic acid   |
| S0154 | 2,4-癸二烯醛           | 2,4-Decadienal  | 3135 | Content: $\geq 89\%$                                | Minor ingredients: Mixture of <i>cis</i> , <i>cis</i> -2,4-decadienal, <i>cis</i> -, <i>trans</i> -2,4-decadienal and <i>trans</i> -, <i>cis</i> -, 2,4-decadienal, acetone, isopropyl alcohol |
| S0155 | 十一醛                | Undecanal   | 3092 | Content: $\geq 92\%$                                | Minor ingredients: 2-Methyl decanal  |
| S0156 | 2-十一烯醛             | 2-Undecenal   | 3423 | Content: $\geq 98\%$ (Sum of cis and trans isomers) |  |
| S0157 | 2,4-十一碳二烯醛         | 2,4-Undecadienal  | 3422 | Content: $\geq 99\%$ (Sum of cis and trans isomers) |  |
| S0158 | 月桂醛                | Lauric aldehyde   | 2615 | Content: $\geq 92\%$                                | Minor ingredients: Tetradecanal, decanal, hexadecanal  |
| S0159 | 2-十二碳烯醛            | 2-Dodecenal   | 2402 | Content: $\geq 93\%$ (Sum of cis and trans isomers) | Minor ingredients: 2-dodecenoic acid   |



|       |                            |  |      | isomers)  | acid   |
|-------|----------------------------|--|------|---|--|
| S0160 | 反式-2-顺式-6-十二碳二烯醛           | 2-trans-6-cis-Dodecadienal                               | 3637 | Content: ≥97.5%   |  |
| S0161 | 十四醛                        | Tetradecyl aldehyde                                      | 2763 | Content: ≥85%   | Minor ingredients: Dodecanal, hexadecanal, octadecanal |
| S0164 | 水杨醛                        | Salicylaldehyde  | 3004 | Content: ≥95%   |  |
| S0166 | 甲基苯甲醛(邻、对、间位混合物)           | Tolualdehydes (mixed <i>o</i> -, <i>m</i> -, <i>p</i> -) | 3068 | Content: ≥95% (Sum of ortho-, meta- and para- isomers)  |  |
| S0167 | 3,4-二甲氧基苯甲醛                | 3,4-Dimethoxybenzenecarbal                               | 3109 | Content: ≥95%   |  |
| S0168 | 苯乙醛                        | Phenylacetaldehyde                                       | 2874 | Content: ≥95%   |  |
| S0169 | 苯乙醛二甲缩醛                    | Phenylacetaldehyde dimethyl acetal                       | 2876 | Content: ≥95%   |  |
| S0170 | 苯丙醛(又名 3-苯基丙醛)             | Phenylpropyl aldehyde (3-Phenylpropionaldehyde)          | 2887 | Color: colorless to light yellow<br>State: Liquid<br>Aroma: It has the aroma of hyacinth<br>Content: ≥95%<br>Acid value, mg KOH/g: ≤ 5.0<br>Relative density (25°C/25°C): 1.008~1.018<br>Refractive index (20°C): 1.518~1.528 |  |
| S0171 | 枯茗醛                        | Cuminaldehyde  | 2341 | Content: ≥95% (The test method shall be in accordance with GB/T 14454.13)   |  |
| S0177 | 乙二醇缩肉桂醛                    | Cinnamaldehyde ethylene glycol acetal                    | 2287 | Content: ≥90%   |  |
| S0178 | 紫苏醛                        | Perillaldehyde   | 3557 | Content: ≥97%   |  |
| S0179 | 对-盖-1-烯-9-醛(又名对-1-薄荷烯-9-醇) | p-Menth-1-ene-9-al                                       | 3178 | Content: ≥99%   |  |
| S0180 | 糠醛                         | Furfural   | 2489 | Content: ≥95%   |  |
| S0182 | 1,1-二甲氧基乙烷                 | 1,1-Dimethoxyethane                                      | 3426 | Content: ≥96%   |  |

|       |                       |   |      |   |   |
|-------|-----------------------|---|------|---|---|
| S0183 | 2,6,6-三甲基环己-1,3-二烯基甲醛 | (2,6,6-Trimethylcyclohexa-1,3-dienyl)- methanal | 3389 | Content: $\geq 96\%$  |   |
| S0184 | 异丁醛                   | Isobutyraldehyde                                | 2220 | Content: $\geq 98\%$  |   |
| S0185 | 顺式-4-己烯醛              | <i>cis</i> -4-Hexenal                           | 3496 | Content: $\geq 95\%$  |   |
| S0186 | 顺式-5-辛烯醛              | <i>cis</i> -5-Octenal                           | 3749 | Content: $\geq 85\%$  | Minor ingredients: Trans-5-Octenal                      |
| S0187 | 4-癸烯醛                 | 4-Decenal                                       | 3264 | Content: $\geq 95\%$ (Trans isomers is not less than 90%)         |   |
| S0188 | 反式, 反式-2,4-十二碳二烯醛     | <i>trans, trans</i> -2,4-Dodecadienal           | 3670 | Content: $\geq 85\%$  | Minor ingredients: Trans-, <i>cis</i> -2,4-Dodecadienal |
| S0189 | 2-十三烯醛                | 2-Tridecenal                                    | 3082 | Content: $\geq 92\%$ (Sum of <i>cis</i> and <i>trans</i> isomers) | Minor ingredients: 2-Tridecenoic acid                   |
| S0190 | 4-乙基苯甲醛               | 4-Ethylbenzaldehyde                             | 3756 | Content: $\geq 97\%$  |   |
| S0191 | 2-羟基-4-甲基苯甲醛          | 2-Hydroxy-4-methylbenzaldehyde                  | 3697 | Content: $\geq 98\%$  |   |
| S0192 | 邻-甲氧基肉桂醛              | <i>o</i> -Methoxycinnamaldehyde                 | 3181 | Content: $\geq 94\%$  |   |
| S0193 | 龙脑烯醛                  | Campholenic aldehyde                            | 3592 | Content: $\geq 99\%$  |   |
| S0195 | 香兰素 1,2-丙二醇缩醛         | Vanillin propylene glycol acetal                | 3905 | Content: $\geq 79\%$  | Minor ingredients: vanillin ( $\leq 20\%$ )             |
| S0196 | 乙醛乙醇顺式-3-己烯醇缩醛        | Acetaldehyde ethyl <i>cis</i> -3-hexenyl acetal | 3775 | Content: $\geq 97\%$  |   |
| S0197 | 反式,反式-2,6-壬二烯醛        | 2- <i>trans</i> -6- <i>trans</i> -Nonadienal    | 3766 | Content: $\geq 97\%$  |   |
| S0198 | 2,4,7-癸三烯醛            | 2,4,7-Decatrienal                               | 4089 | Content: $\geq 98\%$ (Sum of three isomers)                       |   |
| S0199 | $\beta$ -甜橙醛          | $\beta$ -Sinensal                               | 3141 | Content: $\geq 99\%$ (Sum of isomers)                             |   |
| S0200 | 4-羟基苯甲醛               | 4-Hydroxy benzaldehyde                          | 3984 | Content: $\geq 99\%$  |   |
| S0201 | 邻-甲氧基苯甲醛              | <i>o</i> -Methoxybenzaldehyde                   | 4077 | Content: $\geq 97\%$  |   |
| S0202 | 12-甲基十三醛              | 12-Methyltridecanal                             | 4005 | Content: $\geq 97\%$  |   |
| S0203 | 甲乙酮                   | Methyl ethyl ketone                             | 2170 | Content: $\geq 99\%$  |   |

|       |                     |  |      |  |  |
|-------|---------------------|--|------|--|--|
| S0204 | 3-羟基-2-丁酮(又名乙偶姻)    | 3-Hydroxy-2-butanone (Acetoin)                       | 2008 | Content: ≥96%  |  |
| S0205 | 4-(对-甲氧基苯基)-2-丁酮    | 4-( <i>p</i> -Methoxyphenyl)-2-butanone              | 2672 | Content: ≥96%  |  |
| S0206 | 4-苯基-3-丁烯-2-酮       | 4-Phenyl-3-buten-2-one                               | 2881 | Content: ≥97%  |  |
| S0208 | 2-戊酮                | 2-Pentanone  | 2842 | Content: ≥95%  |  |
| S0209 | 1-戊烯-3-酮            | 1-Penten-3-one                                       | 3382 | Content: ≥97%  |  |
| S0211 | 3-乙基 2-羟基-2-环戊烯-1-酮 | 3-Ethyl-2-hydroxy-2-cyclopenten-1-one                | 3152 | Content: ≥90%  | Minor ingredients: 3-ethyl-1,2-cyclopentanedione |
| S0213 | 4-己烯-3-酮            | 4-Hexene-3-one                                       | 3352 | Content: ≥98%  |  |
| S0214 | 5-甲基-3-己烯-2-酮       | 5-Methyl-3-hexene-2-one                              | 3409 | Content: ≥99%  |  |
| S0215 | 3,4-己二酮             | 3,4-Hexanedione                                      | 3168 | Content: ≥97%  |  |
| S0216 | 2-庚酮                | 2-Heptanone  | 2544 | Content: ≥95%  |  |
| S0217 | 3-庚烯-2-酮            | 3-Hepten-2-one (Methyl pentenyl ketone)              | 3400 | Content: ≥96%  |  |
| S0219 | 1-辛烯-3-酮            | 1-Octen-3-one  | 3515 | Content: ≥96%  |  |
| S0220 | 2-壬酮                | 2-Nonanone   | 2785 | Content: ≥97%  |  |
| S0221 | 2-十一酮               | 2-Undecanone   | 3093 | Content: ≥96%  |  |
| S0222 | 2-十三酮               | 2-Tridecanone  | 3388 | Content: ≥95%  |  |
| S0223 | 圆柚酮                 | Nootkatone   | 3166 | Content: ≥93%  | Minor ingredients: Dihydrocitronone              |
| S0225 | 苯乙酮                 | Acetophenone   | 2009 | Content: ≥98%  |  |
| S0226 | 4-甲基苯乙酮<br>对-甲基苯乙酮  | 4-Methylacetophenone<br><i>p</i> -Methylacetophenone | 2677 | Content: ≥95%  |  |
| S0227 | 对-甲氧基苯乙酮            | <i>p</i> -Methoxyacetophenone                        | 2005 | Content: ≥97% (Sum of ortho-, meta-, and para-isomers) |  |
| S0228 | 顺式茉莉酮               | <i>cis</i> -Jasmone                                  | 3196 | Content: ≥95% (Sum of isomers)                         |  |

|       |                             |   |      |  |  |
|-------|-----------------------------|---|------|--|--|
| S0230 | $\alpha$ -突厥酮               | $\alpha$ -Damascone                               | 3659 | Color: colorless to light yellow<br>State: Liquid<br>Aroma: with fruit and flower fragrance<br>Content: $\geq 98\%$ (Sum of cis and trans isomers)<br>Relative density(25°C/25°C):<br>0.928~0.938<br>Refractive index(20°C): 1.492~1.499 |  |
| S0231 | 突厥烯酮                        | Damascenone                                       | 3420 | Content: $\geq 98\%$   |  |
| S0232 | 苯甲醛甘油缩醛                     | Benzaldehyde glyceryl acetal                      | 2129 | Content: $\geq 98\%$ (Sum of isomers)  |  |
| S0233 | $\alpha$ -鸢尾酮               | $\alpha$ -Irone                                   | 2597 | Content: $\geq 98\%$   |  |
| S0235 | $\beta$ -紫罗兰酮               | $\beta$ -Ionone                                   | 2595 | Content: $\geq 95\%$   |  |
| S0236 | <i>dl</i> -樟脑               | <i>dl</i> -Camphor                                | 4513 | Content: $\geq 96\%$   |  |
| S0237 | 薄荷酮                         | Menthone  | 2667 | Content: $\geq 96\%$ (Sum of two isomers)  |  |
| S0238 | <i>d,l</i> -异薄荷酮            | <i>d,l</i> -Isomenthone                           | 3460 | Content: $\geq 98\%$   |  |
| S0239 | 4-(2-呋喃基)-3-丁烯-2-酮          | 4-(2-Furyl)-3-buten-2-one                         | 2495 | Content: $\geq 98\%$   |  |
| S0241 | 4,5-二甲基-3-羟基-2,5-二氢呋喃-2-酮   | 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one     | 3634 | Content: $\geq 97.5\%$   |  |
| S0242 | 2-乙基-3-甲基-4-羟基-2,5-二氢呋喃-5-酮 | 2-Ethyl-3-methyl-4-hydroxydihydro-2,5-furan-5-one | 3153 | Content: $\geq 95\%$   |  |
| S0244 | 2-乙基呋喃                      | 2-Ethylfuran                                      | 3673 | Content: $\geq 95\%$   |  |
| S0245 | 2-乙酰基呋喃                     | 2-Acetylfuran                                     | 3163 | Content: $\geq 97\%$   |  |
| S0246 | 2-乙酰基-5-甲基呋喃                | 2-Acetyl-5-methylfuran                            | 3609 | Content: $\geq 99\%$   |  |
| S0248 | 1-苯基-1,2-丙二酮                | 1-Phenyl-1,2-propanedione                         | 3226 | Content: $\geq 97\%$   |  |
| S0249 | 3,4-二甲基-1,2-环戊二酮            | 3,4-Dimethyl-1,2-cyclopentadione                  | 3268 | Content: $\geq 98\%$   |  |

|       |                                |  |      |   |                                  |
|-------|--------------------------------|--|------|---|----------------------------------|
| S0250 | 3,5-二甲基-1,2-环戊二酮               | 3,5-Dimethyl-1,2-cyclopentadione                       | 3269 | Content: ≥98%   |                                  |
| S0251 | 2,3-己二酮                        | 2,3-Hexanedione  | 2558 | Content: ≥93% (The sum of specified compound and Methylpentanedione shall not be less than 98%) |                                  |
| S0252 | 1-甲基-2,3-环己二酮                  | 1-Methyl-2,3-cyclohexadione                            | 3305 | Content: ≥98%   |                                  |
| S0253 | 2,2,6-三甲基环己酮                   | 2,2,6-Trimethylcyclohexanone                           | 3473 | Content: ≥99%   |                                  |
| S0254 | 2,6,6-三甲基-2-环己烯-1,4-二酮         | 2,6,6-Trimethylcyclohex-2-ene-1,4-dione                | 3421 | Content: ≥98%   |                                  |
| S0255 | 3-庚酮                           | 3-Heptanone  | 2545 | Content: ≥97%   |                                  |
| S0256 | 5-甲基-2-庚烯-4-酮                  | 5-Methyl-2-hepten-4-one                                | 3761 | Content: ≥98%   |                                  |
| S0257 | 6-甲基-3,5-庚二烯-2-酮               | 6-Methyl-3,5-heptadien-2-one                           | 3363 | Content: ≥96%   |                                  |
| S0258 | 2-辛酮                           | 2-Octanone   | 2802 | Content: ≥95%   |                                  |
| S0259 | 3-辛酮                           | 3-Octanone   | 2803 | Content: ≥98%   |                                  |
| S0260 | 3-辛烯-2-酮                       | 3-Octen-2-one  | 3416 | Content: ≥94%   | Minor ingredients: 4-Octen-2-one |
| S0261 | 6,10-二甲基-5,9-十一碳二烯-2-酮         | 6,10-Dimethyl-5,9-undecadien-2-one                     | 3542 | Content: ≥95%   |                                  |
| S0262 | 2-十五酮                          | 2-Pentadecanone  | 3724 | Content: ≥96%   |                                  |
| S0263 | 3-甲基环十五酮                       | 3-Methyl-1-cyclopentadecanone                          | 3434 | Content: ≥98%   |                                  |
| S0264 | 环十七-9-烯-1-酮                    | Cycloheptadeca-9-en-1-one                              | 3425 | Content: ≥99%   |                                  |
| S0265 | 二苯甲酮                           | Benzophenone   | 2134 | Content: ≥98%   |                                  |
| S0266 | 2-羟基苯乙酮                        | 2-Hydroxyacetophenone                                  | 3548 | Content: ≥95%   |                                  |
| S0267 | 异弗尔酮                           | Isophorone   | 3553 | Content: ≥97%   |                                  |
| S0268 | 二氢茉莉酮 (又名 2-戊基-3-甲基-2-环戊烯-1-酮) | Dihydrojasmane (2-Pentyl-3-methyl-2-cyclopenten-1-one) | 3763 | Content: ≥99%   |                                  |

|       |  |  |      |   |  |
|-------|--|--|------|---|--|
| S0269 | 新甲基橙皮苷二氢查耳酮                              | Neohesperidin dihydrochalcone (Neohesperidin DHC)              | 3811 | Color: white to yellowish white<br>Status: powder<br>Content: ≥96%<br>Weight loss in drying, w/%: ≤12.0   |  |
| S0270 | 姜油酮                                      | Zingerone  | 3124 | Content: ≥95%   |  |
| S0271 | β-突厥酮 [又名 4-(2,6,6-三甲基环己-1-烯基)丁-2-烯-4-酮] | β-Damascone (4-(2,6,6-Trimethylcyclohex-1-enyl)but-2-en-4-one) | 3243 | Content: ≥90% (Sum of cis and trans isomers)  | Minor ingredients: α- and γ-damascone  |
| S0272 | 3-甲硫基丁醛                                  | 3-(Methylthio) butanal   | 3374 | Content: ≥96%   |  |
| S0274 | d-葑酮                                     | d-Fenchone   | 2479 | Content: ≥97% (C <sub>10</sub> H <sub>16</sub> O)   |  |
| S0275 | 2-甲基四氢呋喃-3-酮                             | 2-Methyltetrahydrofuran-3-one                                  | 3373 | Content: ≥97%   |  |
| S0277 | 2,5-二甲基-4-甲氧基-3(2H)呋喃酮                   | 2,5-Dimethyl-4-methoxy-3(2H)-furanone                          | 3664 | Content: ≥97%   |  |
| S0278 | 2-戊基呋喃                                   | 2-Pentylfuran  | 3317 | Content: ≥99%   |  |
| S0279 | 4,5,6,7-四氢-3,6-二甲基苯并呋喃 (又名薄荷呋喃)          | 4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran (Menthofuran)        | 3235 | Content: ≥99%   |  |
| S0280 | 1,5,5,9-四甲基-13-氧杂三环[8.3.0.0(4,9)]十三烷     | 1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0(4,9)]tridecane     | 3471 | Content: ≥96%   |  |
| S0281 | 顺式-二氢香芹酮                                 | cis-Dihydrocarvone   | 3565 | Content: ≥77% (the sum of dihydrocarvone, carvone, and corresponding alcohols shall not be less than 97%) |  |
| S0283 | 胡椒基丙酮                                    | Piperonyl acetone  | 2701 | Content: ≥99%   |  |
| S0285 | 4-甲基-2,3-戊二酮                             | 4-Methyl-2,3-pentanedione                                      | 2730 | Content: ≥96%   |  |
| S0286 | 反式-7-甲基-3-辛烯-2-酮                         | (E)-7-Methyl-3-octen-2-one                                     | 3868 | Content: ≥94%   | Minor ingredients: 7-Methyl-4-octen-2-one, 5,6-dimethyl-3-Heptene-2-one, 3-Nonen-2-one |

|       |                          |  |      |                      |  |
|-------|--------------------------|--|------|----------------------|--|
| S0287 | 3-乙酰硫基-2-甲基呋喃            | 3-(Acetylthio)-2-methylfuran                   | 3973 | Content: $\geq 92\%$ | Minor ingredients: cis and trans-2-methyl-3-tetrahydrofuran thiol ester                |
| S0288 | 4-乙酰氧基-2,5-二甲基-3(2H)呋喃酮  | 4-Acetoxy-2,5-dimethyl-3(2H)-furanone          | 3797 | Content: $\geq 85\%$ | Minor ingredients: 4-hydroxy-2,5-dimethyl-3(2H)-furanone                               |
| S0289 | 3-乙基-2-羟基-4-甲基-2-环戊烯-1-酮 | 3-Ethyl-2-hydroxy-4-methylcyclopent-2-en-1-one | 3453 | Content: $\geq 99\%$ |  |
| S0290 | 环己酮                      | Cyclohexanone                                  | 3909 | Content: $\geq 99\%$ |  |
| S0291 | 2,3-庚二酮                  | 2,3-Heptanedione                               | 2543 | Content: $\geq 97\%$ |  |
| S0292 | 2,3-辛二酮                  | 2,3-Octanedione                                | 4060 | Content: $\geq 95\%$ |  |
| S0295 | 丙酮酸                      | Pyruvic acid                                   | 2970 | Content: $\geq 95\%$ |  |
| S0297 | 异丁酸                      | Isobutyric acid                                | 2222 | Content: $\geq 99\%$ |  |
| S0299 | 2-乙基丁酸                   | 2-Ethylbutyric acid                            | 2429 | Content: $\geq 98\%$ |  |
| S0300 | 戊酸                       | Valeric acid                                   | 3101 | Content: $\geq 99\%$ |  |
| S0301 | 2-甲基戊酸                   | 2-Methylvaleric acid                           | 2754 | Content: $\geq 98\%$ |  |
| S0303 | 异戊酸                      | Isovaleric acid                                | 3102 | Content: $\geq 99\%$ |  |
| S0306 | 反式-2-己烯酸                 | trans-2-Hexenoic acid                          | 3169 | Content: $\geq 97\%$ |  |
| S0307 | 3-己烯酸                    | 3-Hexenoic acid                                | 3170 | Content: $\geq 95\%$ |  |
| S0308 | 庚酸                       | Heptanoic acid                                 | 3348 | Content: $\geq 98\%$ |  |
| S0309 | 辛酸                       | Octanoic acid                                  | 2799 | Content: $\geq 97\%$ |  |
| S0310 | 壬酸                       | Nonoic acid                                    | 2784 | Content: $\geq 98\%$ |  |
| S0311 | 癸酸                       | Decanoic acid                                  | 2364 | Content: $\geq 98\%$ |  |
| S0313 | 十四酸 (又名肉豆蔻酸)             | Tetradecanoic acid (Myristic acid)             | 2764 | Content: $\geq 94\%$ | Minor ingredients: palmitic acid and lauric acid                                       |
| S0314 | 十六酸 (又名棕榈酸)              | Hexadecylic acid (Palmitic acid)               | 2832 | Content: $\geq 80\%$ | Minor ingredients: Stearic acid, myristic acid, heptadecanoic acid, and pentanoic acid |
| S0316 | 苯乙酸                      | Phenylacetic acid                              | 2878 | Content: $\geq 99\%$ |  |

|       |                |                              |      |   |  |
|-------|----------------|------------------------------|------|---|--|
| S0320 | 3-甲基戊酸 (又名酞酪酸) | 3-Methylpentanoic acid       | 3437 | Content: $\geq 98\%$  |  |
| S0321 | $\beta$ -丙氨酸   | $\beta$ -Alanine             | 3252 | Content: $\geq 97\%$ (Refer to relevant test methods in Chinese Pharmacopoeia)      |  |
| S0322 | L-苯基丙氨酸        | L-Phenylalanine              | 3585 | Content: $\geq 98\%$ (Refer to relevant test methods in Chinese Pharmacopoeia)      |  |
| S0323 | L-半胱氨酸         | L-Cysteine                   | 3263 | Content: $\geq 98\%$ (Refer to relevant test methods in Chinese Pharmacopoeia)      |  |
| S0325 | L-谷氨酸          | L-Glutamic acid              | 3285 | Content: $\geq 98\%$ (Titration method, according to Chinese Pharmacopoeia)         |  |
| S0326 | L-亮氨酸          | L-Leucine                    | 3297 | Content: $\geq 98\%$ (Titration method, according to Chinese Pharmacopoeia)         |  |
| S0327 | DL-蛋氨酸         | DL-Methionine                | 3301 | Content: $\geq 98\%$ (Refer to relevant test methods in Chinese Pharmacopoeia)      |  |
| S0328 | 乙酰丙酸           | Levulinic acid               | 2627 | Content: $\geq 97\%$  |  |
| S0329 | 2-氧代丁酸         | 2-Oxobutyric acid            | 3723 | Content: $\geq 98\%$  |  |
| S0330 | 2-甲基己酸         | 2-Methylhexanoic acid        | 3191 | Content: $\geq 95\%$  |  |
| S0331 | 2-甲基庚酸         | 2-Methyloenanthic acid       | 2706 | Content: $\geq 97\%$  |  |
| S0332 | 4-甲基辛酸         | 4-Methyloctanoic acid        | 3575 | Content: $\geq 97\%$  |  |
| S0333 | 3,7-二甲基-6-辛烯酸  | 3,7-Dimethyl-6-octenoic acid | 3142 | Content: $\geq 90\%$  | Minor ingredients: Acetates of citronellal, citronellol, nerol, geraniol, and other terpenes |
| S0334 | 9-癸烯酸          | 9-Decenoic acid              | 3660 | Content: $\geq 90\%$ (Decenic acid is not less than 95%)                            |  |
| S0335 | 十一酸            | Undecanoic acid              | 3245 | Content: $\geq 99\%$  |  |
| S0336 | 10-十一碳烯酸       | 10-Undecenoic acid           | 3247 | Content: $\geq 97\%$  |  |
| S0337 | 3-苯丙酸          | 3-Phenylpropionic acid       | 2889 | Content: $\geq 97\%$ (The test method shall be in accordance with GB/T 14455.5)     |  |
| S0339 | L-脯氨酸          | L-Proline                    | 3319 | Content: $\geq 98\%$ (potentiometric titration, according to Chinese Pharmacopoeia) |  |



|       |                  |  |      |   |                                 |
|-------|------------------|--|------|---|---------------------------------|
| S0340 | DL-缬氨酸           | DL-Valine                              | 3444 | Content: $\geq 98\%$ (potentiometric titration, according to Chinese Pharmacopoeia)                     |                                 |
| S0341 | 2-(4-甲氧基苯氧基)-丙酸钠 | Sodium 2-(4-methoxyphenoxy) propanoate | 3773 | Content: $\geq 98\%$  |                                 |
| S0344 | L-赖氨酸            | L-Lysine                               | 3847 | Content: $\geq 97\%$ (Refer to relevant test methods in Chinese Pharmacopoeia)                          |                                 |
| S0345 | 3-甲基巴豆酸          | 3-Methylcrotonic acid                  | 3187 | Content: $\geq 98\%$  |                                 |
| S0346 | 甲酸               | Formic acid                            | 2487 | Content: $\geq 95\%$ (The test method shall be in accordance with GB/T 14455.5)                         |                                 |
| S0347 | 4-甲基壬酸           | 4-Methylnonanoic acid                  | 3574 | Content: $\geq 98\%$ (The test method shall be in accordance with GB/T 14455.5)                         |                                 |
| S0348 | 异己酸              | Isohexanoic acid                       | 3463 | Content: $\geq 98\%$ (The test method shall be in accordance with GB/T 14455.5)                         |                                 |
| S0349 | 2-羟基苯甲酸 (又名水杨酸)  | 2-Hydroxybenzoic acid (Salicylic acid) | 3985 | Content: $\geq 99\%$ (Titration method, according to Chinese Pharmacopoeia)                             |                                 |
| S0350 | 惕各酸              | Tiglic acid                            | 3599 | Content: $\geq 99\%$  |                                 |
| S0351 | 琥珀酸              | Succinic acid                          | 4719 | Content: $99\% \sim 100.5\%$ ( $C_4H_6O_4$ ) (The test method shall be in accordance with GB/T 14455.5) |                                 |
| S0353 | 甲酸乙酯             | Ethyl formate                          | 2434 | Content: $\geq 95\%$  |                                 |
| S0354 | 甲酸丁酯             | Butyl formate                          | 2196 | Content: $\geq 95\%$  |                                 |
| S0355 | 甲酸戊酯             | Amyl formate                           | 2068 | Content: $\geq 92\%$  | Minor ingredients: amyl alcohol |

|       |             |                            |      |   |  |
|-------|-------------|----------------------------|------|---|--|
| S0356 | 甲酸异戊酯       | Isoamyl formate            | 2069 | Content: $\geq 92\%$  | Minor ingredients: isoamyl alcohol       |
| S0357 | 甲酸己酯        | Hexyl formate              | 2570 | Content: $\geq 95\%$  |  |
| S0358 | 甲酸苄酯        | Benzyl formate             | 2145 | Content: $\geq 95\%$  |  |
| S0361 | 甲酸苯乙酯       | Phenethyl formate          | 2864 | Content: $\geq 96\%$  |  |
| S0362 | 甲酸芳樟酯       | Linalyl formate            | 2642 | Content: $\geq 90\%$  | Minor ingredients: linalool              |
| S0363 | 乙酸甲酯        | Methyl acetate             | 2676 | Content: $\geq 98\%$  |  |
| S0367 | 乙酸异丙酯       | Isopropyl acetate          | 2926 | Content: $\geq 99\%$  |  |
| S0368 | 乙酸烯丙酯       | Allyl acetate              | -    | Content: $\geq 95\%$  |  |
| S0369 | 乙酰丙酸乙酯      | Ethyl acetylpropanoate     | 2442 | Content: $\geq 98\%$  |  |
| S0374 | 乙酸 2-己烯酯    | 2-Hexen-1-yl acetate       | 2564 | Content: $\geq 90\%$  | Minor ingredients: cis-2-hexenyl acetate |
| S0375 | 乙酸庚酯        | Heptyl acetate             | 2547 | Content: $\geq 97.5\%$  |  |
| S0377 | 乙酸 3-辛酯     | 3-Octyl acetate            | 3583 | Content: $\geq 98\%$  |  |
| S0378 | 1-辛烯-3-醇乙酸酯 | 1-Octen-3-yl acetate       | 3582 | Content: $\geq 95\%$  |  |
| S0379 | 乙酸壬酯        | Nonyl acetate              | 2788 | Content: $\geq 97\%$  |  |
| S0380 | 2-丁烯酸己酯     | <i>n</i> -Hexyl 2-butenate | 3354 | Content: $\geq 95\%$  |  |
| S0384 | 乙酸茴香酯       | Anisyl acetate             | 2098 | Content: $\geq 97\%$  |  |
| S0385 | 乙酸龙脑酯       | Bornyl acetate             | 2159 | Content: $\geq 98\%$  |  |
| S0390 | 乙酸对-甲酚酯     | <i>p</i> -Cresyl acetate   | 3073 | Content: $\geq 98\%$  |  |
| S0391 | 乙酸苏合香酯      | Styralyl acetate           | 2684 | Color: colorless<br>State: Liquid<br>Aroma: with strong grass and flower fragrance<br>Acid value, mg KOH/g: $\leq 5.0$<br>Relative density (25°C/25°C): 1.020~1.035<br>Refractive index (20°C): 1.492~1.504 |  |

|       |                       |   |      |  |                                     |
|-------|-----------------------|---|------|--|-------------------------------------|
| S0394 | 异丁酸肉桂酯                | Cinnamyl isobutyrate  | 2297 | Content: ≥96%                                |                                     |
| S0396 | 乙酸糠酯                  | Furfuryl acetate  | 2490 | Content: ≥97%                                |                                     |
| S0399 | 乙酸葛缕酯                 | Carvyl acetate  | 2250 | Content: ≥98%                                |                                     |
| S0400 | 乙酸二氢葛缕酯               | Dihydrocarvyl acetate   | 2380 | Content: ≥97% (Sum of four isomers)          |                                     |
| S0401 | 苯乙酸丁酯                 | Butyl phenylacetate   | 2209 | Content: ≥98%                                |                                     |
| S0403 | 丙二酸二乙酯                | Diethyl malonate  | 2375 | Content: ≥97%                                |                                     |
| S0404 | 丙酸异丁酯                 | Isobutyl propionate   | 2212 | Content: ≥95%                                |                                     |
| S0405 | 丙酸异戊酯                 | Isoamyl propionate  | 2082 | Content: ≥98%                                |                                     |
| S0406 | 丙酸顺式-3-己烯酯和丙酸反式-2-己烯酯 | <i>cis</i> -3-Hexenyl propionate & <i>trans</i> -2-Hexenyl propionate | 3778 | Content: ≥96% (Sum of cis and trans isomers) |                                     |
| S0407 | 丙酸香叶酯                 | Geranyl propionate  | 2517 | Content: ≥92% (total ester)                  | Minor ingredients: geraniol, nerol  |
| S0408 | 丙酸香茅酯                 | Citronellyl propionate  | 2316 | Content: ≥90% (total ester)                  | Minor ingredients: citronellol      |
| S0410 | 丙酸苯乙酯                 | Phenethyl propionate  | 2867 | Content: ≥97%                                |                                     |
| S0411 | 丙酸芳樟酯                 | Linalyl propionate  | 2645 | Content: ≥92%                                |                                     |
| S0412 | 丁酸甲酯                  | Methyl butyrate   | 2693 | Content: ≥98%                                |                                     |
| S0413 | 2-甲基丁酸甲酯              | Methyl 2-methylbutyrate   | 2719 | Content: ≥92%                                | Minor ingredients: methyl isoparate |
| S0417 | 3-羟基丁酸乙酯              | Ethyl 3-hydroxybutyrate   | 3428 | Content: ≥99%                                |                                     |
| S0418 | 丁二酸二乙酯                | Diethyl succinate   | 2377 | Content: ≥98%                                |                                     |
| S0419 | 异丁酸甲酯                 | Methyl isobutyrate  | 2694 | Content: ≥97%                                |                                     |
| S0421 | 丁酸异丁酯                 | Isobutyl butyrate   | 2187 | Content: ≥98%                                |                                     |
| S0422 | 2-甲基丁酸丁酯              | <i>n</i> -Butyl 2-methylbutyrate                                      | 3393 | Content: ≥95%                                |                                     |
| S0424 | 异丁酸丁酯                 | Butyl isobutyrate   | 2188 | Content: ≥97%                                |                                     |
| S0427 | 2-甲基丁酸异戊酯             | Isoamyl 2-methyl butanoate  | 3505 | Content: ≥95%                                |                                     |
| S0428 | 异丁酸异戊酯                | Isopentyl isobutyrate   | 3507 | Content: ≥98%                                |                                     |
| S0430 | 2-甲基丁酸己酯              | Hexyl 2-methylbutyrate  | 3499 | Content: ≥95%                                |                                     |

|       |                |                                 |      |  |                                    |
|-------|----------------|---------------------------------|------|--|------------------------------------|
| S0433 | 异丁酸庚酯          | Heptyl isobutyrate              | 2550 | Content: ≥95%  |                                    |
| S0434 | 2-甲基丁酸辛酯       | Octyl 2-methylbutyrate          | 3604 | Content: ≥99%  |                                    |
| S0435 | 1-辛烯-3-醇丁酸酯    | 1-Octen-3-yl butyrate           | 3612 | Content: ≥95%  |                                    |
| S0437 | 异丁酸苄酯          | Benzyl isobutyrate              | 2141 | Content: ≥97%  |                                    |
| S0438 | 丁酸苯乙酯          | Phenethyl butyrate              | 2861 | Content: ≥97%  |                                    |
| S0439 | 2-甲基丁酸苯乙酯      | Phenethyl 2-methylbutyrate      | 3632 | Content: ≥95%  |                                    |
| S0440 | 异丁酸苯乙酯         | Phenethyl isobutyrate           | 2862 | Content: ≥98%  |                                    |
| S0442 | 异丁酸香叶酯         | Geranyl isobutyrate             | 2513 | Content: ≥95% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>14</sub> H <sub>24</sub> O <sub>2</sub> ) |                                    |
| S0443 | 丁酸芳樟酯          | Linalyl butyrate                | 2639 | Content: ≥95%  |                                    |
| S0444 | 异丁酸芳樟酯         | Linalyl isobutyrate             | 2640 | Content: ≥95%  |                                    |
| S0445 | 当归酸异丁酯         | Isobutyl angelate               | 2180 | Content: ≥98%  |                                    |
| S0446 | 异丁酸橙花酯         | Neryl isobutyrate               | 2775 | Content: ≥92%  | Minor ingredients: nerol, geraniol |
| S0447 | 正戊酸乙酯          | Ethyl valerate                  | 2462 | Content: ≥98%  |                                    |
| S0450 | 水杨酸丁酯 (又名柳酸丁酯) | Butyl salicylate                | 3650 | Content: ≥98%  |                                    |
| S0451 | 异戊酸丁酯          | Butyl isovalerate               | 2218 | Content: ≥97%  |                                    |
| S0454 | 异戊酸壬酯          | Nonyl isovalerate               | 2791 | Content: ≥97%  |                                    |
| S0455 | 异戊酸苯乙酯         | Phenethyl isovalerate           | 2871 | Content: ≥97%  |                                    |
| S0456 | 异戊酸香叶酯         | Geranyl isovalerate             | 2518 | Content: ≥95%  |                                    |
| S0457 | 己酸甲酯           | Methyl hexanoate                | 2708 | Content: ≥98%  |                                    |
| S0458 | 2-己烯酸甲酯        | Methyl 2-hexenoate              | 2709 | Content: ≥95%  |                                    |
| S0460 | 3-己烯酸乙酯        | Ethyl 3-hexenoate               | 3342 | Content: ≥95%  |                                    |
| S0461 | 3-羟基己酸乙酯       | Ethyl 3-hydroxyhexanoate        | 3545 | Content: ≥95%  |                                    |
| S0462 | 反式-2-己烯酸乙酯     | Ethyl <i>trans</i> -2-hexenoate | 3675 | Content: ≥95%  |                                    |
| S0463 | 己酸丙酯           | Propyl hexanoate                | 2949 | Content: ≥95%  |                                    |

|       |                        |   |      |   |   |
|-------|------------------------|---|------|---|---|
| S0464 | 己酸戊酯                   | Amyl hexanoate                                    | 2074 | Content: ≥98%   |   |
| S0465 | 己酸异戊酯                  | Isoamyl hexanoate                                 | 2075 | Content: ≥98%   |   |
| S0466 | 己酸己酯                   | Hexyl hexanoate                                   | 2572 | Content: ≥97%   |   |
| S0469 | 庚酸丙酯                   | Propyl heptanoate                                 | 2948 | Content: ≥98%   |   |
| S0470 | 庚酸丁酯                   | Butyl heptanoate                                  | 2199 | Content: ≥98%   |   |
| S0472 | 辛酸甲酯                   | Methyl caprylate                                  | 2728 | Content: ≥95%   |   |
| S0474 | 顺式-4-辛烯酸乙酯             | Ethyl <i>cis</i> -4-octenoate                     | 3344 | Content: ≥98%   |   |
| S0475 | 顺式-4,7-辛二烯酸乙酯          | Ethyl <i>cis</i> -4,7-octadienoate                | 3682 | Content: ≥95%   |   |
| S0476 | 辛酸异戊酯                  | Isoamyl octanoate                                 | 2080 | Content: ≥98%   |   |
| S0477 | 辛酸壬酯                   | Nonyl octanoate                                   | 2790 | Content: ≥99%   |   |
| S0478 | 辛酸苯乙酯                  | Phenethyl octanoate                               | 3222 | Content: ≥98%   |   |
| S0479 | 2-壬烯酸甲酯                | Methyl 2-nonenoate                                | 2725 | Content: ≥95%   |   |
| S0480 | 壬酸乙酯                   | Ethyl nonanoate                                   | 2447 | Content: ≥98%   |   |
| S0481 | 癸酸乙酯                   | Ethyl decanoate                                   | 2432 | Content: ≥98%   |   |
| S0482 | 反式-2-顺式-4-癸二烯酸乙酯       | Ethyl <i>trans</i> -2, <i>cis</i> -4-decadienoate | 3148 | Content: ≥90%   | Minor ingredients: <i>trans</i> , <i>trans</i> -2,4-Decadienoic acetate |
| S0484 | 十四酸甲酯 (又名肉豆蔻酸甲酯)       | Methyl tetradecanoate (Methyl myristate)          | 2722 | Content: ≥98%   |   |
| S0487 | 苯甲酸丙酯                  | Propyl benzoate                                   | 2931 | Content: ≥98%   |   |
| S0488 | 苯甲酸己酯                  | Hexyl benzoate                                    | 3691 | Content: ≥98%   |   |
| S0490 | 苯甲酸顺式-3-己烯酯 (又名苯甲酸叶醇酯) | <i>cis</i> -3-Hexenyl benzoate (Leaf benzoate)    | 3688 | Content: ≥95% (Sum of isomers)  |   |
| S0491 | 邻氨基苯甲酸甲酯               | Methyl anthranilate                               | 2682 | Content: ≥98%   |   |
| S0492 | 苯乙酸甲酯                  | Methyl phenylacetate                              | 2733 | Content: ≥97%   |   |
| S0494 | 苯乙酸异戊酯                 | Isoamyl phenylacetate                             | 2081 | Content: ≥97% (Sum of pentyl phenylacetate and isopentyl phenylacetate) |   |
| S0496 | 惕各酸乙酯                  | Ethyl tiglate                                     | 2460 | Content: ≥98%   |   |

|       |                      |  |      |  |                                   |
|-------|----------------------|--|------|--|-----------------------------------|
| S0497 | 惕各酸苄酯                | Benzyl tiglate                               | 3330 | Content: ≥95%  |                                   |
| S0499 | 乳酸丁酯                 | Butyl lactate                                | 2205 | Content: ≥95%  |                                   |
| S0509 | 油酸乙酯                 | Ethyl oleate                                 | 2450 | Content: ≥90% (The sum of ethyl oleate, ethyl palmitate and ethyl ester of other fatty acids shall not be less than 99%) |                                   |
| S0514 | 甲酸大茴香酯               | Anisyl formate                               | 2101 | Content: ≥90%  | Minor ingredients:<br>anisalcohol |
| S0515 | 甲酸顺式-3-己烯酯 (又名甲酸叶醇酯) | <i>cis</i> -3-Hexenyl formate (Leaf formate) | 3353 | Content: ≥95%  |                                   |
| S0517 | 乙酸 3-苯丙酯             | 3-Phenylpropyl acetate                       | 2890 | Content: ≥98%  |                                   |
| S0518 | 乙酸丁香酯                | Eugenyl acetate                              | 2469 | Content: ≥98%  |                                   |
| S0519 | 4,5-二甲基-2-异丁基-3-噻唑啉  | 4,5-Dimethyl-2-isobutyl-3-thiazoline         | 3621 | Content: ≥97%  |                                   |
| S0520 | 乙酸异胡薄荷酯              | Isopulegyl acetate                           | 2965 | Content: ≥95% (Sum of isomers)   |                                   |
| S0521 | 乙酸 1,3,3-三甲基-2-降龙脑酯  | 1,3,3-Trimethyl-2-norbornanyl acetate        | 3390 | Content: ≥98%  |                                   |
| S0522 | 丙酸甲酯                 | Methyl propionate                            | 2742 | Content: ≥95%  |                                   |
| S0523 | 丙烯酸乙酯                | Ethyl acrylate                               | 2418 | Content: ≥97%  |                                   |
| S0524 | 乳酸顺式-3-己烯酯 (又名乳酸叶醇酯) | <i>cis</i> -3-Hexenyl lactate (Leaf lactate) | 3690 | Content: ≥96%  |                                   |
| S0525 | 丙酸癸酯                 | Decyl propionate                             | 2369 | Content: ≥95%  |                                   |
| S0526 | 反式-2-丁烯酸乙酯           | Ethyl <i>trans</i> -2-butenolate             | 3486 | Content: ≥98%  |                                   |
| S0527 | 丁酸丙酯                 | Propyl butyrate                              | 2934 | Content: ≥95%  |                                   |
| S0528 | 异丁酸异丙酯               | Isopropyl isobutyrate                        | 2937 | Content: ≥95%  |                                   |
| S0529 | 2-甲基丁酸异丙酯            | Isopropyl 2-methylbutyrate                   | 3699 | Content: ≥98%  |                                   |
| S0530 | 异丁酸己酯                | Hexyl isobutyrate                            | 3172 | Content: ≥98%  |                                   |
| S0531 | 丁酸庚酯                 | Heptyl butyrate                              | 2549 | Content: ≥98%  |                                   |
| S0532 | 异丁酸辛酯                | Octyl isobutyrate                            | 2808 | Content: ≥98%  |                                   |

|       |                    |  |      |                                |  |
|-------|--------------------|--|------|--------------------------------|--|
| S0533 | 异丁酸-3-苯丙酯          | 3-Phenylpropyl isobutyrate                         | 2893 | Content: ≥98%                  |  |
| S0534 | 丁酸香茅酯              | Citronellyl butyrate                               | 2312 | Content: ≥90% (Total ester)    |  |
| S0535 | 丁酸肉桂酯              | Cinnamyl butyrate                                  | 2296 | Content: ≥98%                  |  |
| S0536 | 异戊酸甲酯              | Methyl isovalerate                                 | 2753 | Content: ≥98%                  |  |
| S0537 | 异戊酸异丁酯             | Isobutyl isovalerate                               | 3369 | Content: ≥98%                  |  |
| S0538 | 异戊酸 2-甲基丁酯         | 2-Methylbutyl isovalerate                          | 3506 | Content: ≥98%                  |  |
| S0539 | 异戊酸苄酯              | Benzyl isovalerate                                 | 2152 | Content: ≥98%                  |  |
| S0540 | 2-戊基吡啶             | 2-Pentylpyridine                                   | 3383 | Content: ≥97%                  |  |
| S0541 | 异戊酸肉桂酯             | Cinnamyl isovalerate                               | 2302 | Content: ≥95%                  |  |
| S0542 | 异戊酸薄荷酯             | Menthyl isovalerate                                | 2669 | Content: ≥96%                  |  |
| S0543 | 3-己烯酸甲酯            | Methyl 3-hexenoate                                 | 3364 | Content: ≥97%                  |  |
| S0544 | 正己酸异丁酯             | Isobutyl caproate                                  | 2202 | Content: ≥98%                  |  |
| S0546 | 己酸芳樟酯              | Linalyl hexanoate                                  | 2643 | Content: ≥96%                  |  |
| S0547 | 3,7-二甲基-6-辛烯酸甲酯    | Methyl 3,7-dimethyl-6-octenoate                    | 3361 | Content: ≥95%                  |  |
| S0548 | 3-壬烯酸甲酯            | Methyl 3-nonenoate                                 | 3710 | Content: ≥95%                  |  |
| S0549 | 9-十一烯酸甲酯           | Methyl 9-undecenoate                               | 2750 | Content: ≥97%                  |  |
| S0550 | 十一酸乙酯              | Ethyl undecanoate                                  | 3492 | Content: ≥98%                  |  |
| S0551 | 十四酸异丙酯 (又名肉豆蔻酸异丙酯) | Isopropyl tetradecanoate (Isopropyl myristate)     | 3556 | Content: ≥99%                  |  |
| S0552 | N-甲基邻氨基苯甲酸甲酯       | Methyl N-methylantranilate (Dimethyl anthranilate) | 2718 | Content: ≥98%                  |  |
| S0553 | 邻氨基苯甲酸乙酯           | Ethyl anthranilate                                 | 2421 | Content: ≥96%                  |  |
| S0554 | 苯甲酸异戊酯             | Isoamyl benzoate                                   | 2058 | Content: ≥98% (Sum of isomers) |  |
| S0555 | 苯甲酸苯乙酯             | Phenethyl benzoate                                 | 2860 | Content: ≥98%                  |  |
| S0556 | 苯乙酸异丁酯             | Isobutyl phenylacetate                             | 2210 | Content: ≥98%                  |  |

|       |                             |  |      |  |   |
|-------|-----------------------------|--|------|--|---|
| S0557 | 苯乙酸己酯                       | Hexyl phenylacetate                                    | 3457 | Content: ≥97%  |   |
| S0558 | 苯丙酸乙酯 (又名氢化肉桂酸乙酯)           | Ethyl 3-phenylpropionate (Ethyl hydrocinnamate)        | 2455 | Content: ≥98%  |   |
| S0559 | 环己基羧酸甲酯                     | Methyl cyclohexanecarboxylate                          | 3568 | Content: ≥98%  |   |
| S0560 | 大茴香酸甲酯                      | Methyl p-anisate                                       | 2679 | Content: ≥97%  |   |
| S0561 | 大茴香酸乙酯                      | Ethyl p-anisate  | 2420 | Content: ≥97%  |   |
| S0562 | 水杨酸苯乙酯                      | Phenethyl salicylate                                   | 2868 | Content: ≥98%  |   |
| S0563 | 十二酸异戊酯 (又名月桂酸异戊酯)           | Isoamyl dodecanoate (Isoamyl laurate)                  | 2077 | Content: ≥97%  |   |
| S0564 | 亚油酸甲酯(48%), 亚麻酸甲酯 (52%) 混合物 | Methyl linoleate (48%) methyl linolenate (52%) mixture | 3411 | Content: ≥ 60% (sum of methyl linoleate and methyl linen)  | Minor ingredients: methyl stearate, methyl oleate, and methyl palmitate |
| S0565 | 茉莉酮酸甲酯                      | Methyl jasmonate                                       | 3410 | Content: ≥99%  |   |
| S0567 | 肉桂酸异丁酯                      | Isobutyl cinnamate                                     | 2193 | Content: ≥97%  |   |
| S0568 | 肉桂酸 3-苯丙酯                   | 3-Phenylpropyl cinnamate                               | 2894 | Content: ≥98% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>18</sub> H <sub>18</sub> O <sub>2</sub> ) |   |
| S0569 | 酒石酸二乙酯                      | Diethyl tartrate                                       | 2378 | Content: ≥97%  |   |
| S0570 | 菸酸甲酯                        | Methyl nicotinate                                      | 3709 | Content: ≥98%  |   |
| S0571 | 惕各酸苯乙酯                      | Phenethyl tiglate                                      | 2870 | Content: ≥98%  |   |
| S0572 | 3-乙酰基-2,5-二甲基噻吩             | 3-Acetyl-2,5-dimethylthiophene                         | 3527 | Content: ≥96%  |   |
| S0573 | 3,5,5-三甲基-1-己醇              | 3,5,5-Trimethyl-1-hexanol                              | 3324 | Content: ≥97%  |   |
| S0574 | 丁酸茴香酯                       | Anisyl butyrate  | 2100 | Content: ≥97%  |   |
| S0575 | 异戊酸龙脑酯                      | Bornyl isovalerate                                     | 2165 | Content: ≥97%  |   |



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| S0576 | 2,6-二甲基-4-庚醇   | 2,6-Dimethyl-4-heptanol   | 3140 | Content: ≥90%  | Minor ingredients: 2-heptanol         |
| S0577 | 苯甲酸异丁酯   | Isobutyl benzoate   | 2185 | Content: ≥98%  |                                       |
| S0578 | 甲酸橙花酯  | Neryl formate   | 2776 | Content: ≥90%  | Minor ingredients: geraniol and nerol |
| S0579 | 乙酸甲基苄醇酯 (邻、间、对位混合物)  | Methylbenzyl acetate (mixed <i>o</i> -, <i>m</i> -, <i>p</i> -)             | 3702 | Content: ≥98% (Sum of ortho-, meta- and para- isomers) |                                       |
| S0580 | 乙酸顺式和反式-对 1(7), 8-盖二烯-2-醇酯 [又名乙酸顺式和反式-对 1(7), 8-薄荷二烯-2-醇酯] | <i>cis</i> -and- <i>trans</i> - <i>p</i> -1, (7) 8-Menthadien-2-yl acetate  | 3848 | Content: ≥95%  |                                       |
| S0581 | 乙酸龙脑烯醇酯  | Campholene acetate  | 3657 | Content: ≥98%  |                                       |
| S0582 | 丙酸丙酯   | Propyl propionate   | 2958 | Content: ≥98%  |                                       |
| S0583 | 丙酸丁酯   | Butyl propionate  | 2211 | Content: ≥96%  |                                       |
| S0584 | 丙酸己酯   | Hexyl propionate  | 2576 | Content: ≥97%  |                                       |
| S0585 | 丙酮酸乙酯  | Ethyl pyruvate  | 2457 | Content: ≥95%  |                                       |
| S0586 | 丁酸辛酯   | Octyl butyrate  | 2807 | Content: ≥97%  |                                       |
| S0587 | 异丁酸丙酯  | <i>n</i> -Propyl isobutyrate  | 2936 | Content: ≥98%  |                                       |
| S0588 | 异丁酸异丁酯   | Isobutyl isobutyrate  | 2189 | Content: ≥98%  |                                       |
| S0589 | 异丁酸香茅酯   | Citronellyl isobutyrate   | 2313 | Content: ≥92% (Total ester)                            |                                       |
| S0590 | 反式-2-丁烯酸顺式-3-己烯酯 (又名反式-2-丁烯酸叶醇酯)                           | ( <i>Z</i> )-3-Hexenyl( <i>E</i> )-2-butenate (Leaf( <i>E</i> )-2-butenate) | 3982 | Content: ≥97%  |                                       |
| S0591 | 丁二酸单薄荷酯 (又名琥珀酸单薄荷酯)  | Diethyl butanedioate (Monomenthyl succinate)                                | 3810 | Content: ≥99%  |                                       |
| S0592 | 正戊酸正戊酯   | Pentyl valerate   | -    | Content: ≥95%  |                                       |
| S0593 | 异戊酸辛酯  | Octyl isovalerate   | 2814 | Content: ≥98%  |                                       |
| S0594 | 己酸丁酯   | Butyl hexanoate   | 2201 | Content: ≥98%  |                                       |

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| S0595 | 己酸苯乙酯                            | Phenethyl hexanoate                                  | 3221 | Content: ≥98%   |  |
| S0596 | 异丁酸叶醇酯 (又名顺式-3-己烯醇异丁酸酯)          | Leaf isobutyrate ((Z)-3-Hexenyl isobutyrate)         | 3929 | Content: ≥98%   |  |
| S0597 | 辛酸己酯                             | Hexyl octanoate                                      | 2575 | Content: ≥98.5%   |  |
| S0598 | 2-辛烯酸乙酯                          | Ethyl 2-octenoate                                    | 3643 | Content: ≥98%   |  |
| S0599 | 2,4,7-癸三烯酸乙酯                     | Ethyl 2,4,7-decatrienoate                            | 3832 | Content: ≥95%   |  |
| S0600 | 苯甲酸芳樟酯                           | Linalyl benzoate                                     | 2638 | Content: ≥95% (The test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>14</sub> H <sub>22</sub> O <sub>2</sub> ) |  |
| S0601 | 反式-2-甲基 2-丁烯酸顺式-3-己烯酯 (又名惕各酸叶醇酯) | (Z)-3-Hexenyl(E)-2-methyl 2-butenate (Leaf tiglate)  | 3931 | Content: ≥98%   |  |
| S0602 | 2-丁烯酸异丁酯                         | Isobutyl 2-butenate                                  | 3432 | Content: ≥95%(C <sub>8</sub> H <sub>16</sub> O <sub>2</sub> )   |  |
| S0603 | 3-甲基丁酸己酯                         | Hexyl 3-methyl butanoate                             | 3500 | Content: ≥95%   |  |
| S0604 | 顺式-3-己烯酸顺式-3-己烯酯 (又名顺式-3-己烯酸叶醇酯) | cis-3-Hexenyl cis-3-hexenoate (Leaf cis-3-hexenoate) | 3689 | Content: ≥98%   |  |
| S0605 | 3-羟基己酸甲酯                         | Methyl 3-hydroxyhexanoate                            | 3508 | Content: ≥95%   |  |
| S0606 | 苯甲酸香叶酯                           | Geranyl benzoate                                     | 2511 | Content: ≥95% (The test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>14</sub> H <sub>22</sub> O <sub>2</sub> ) |  |
| S0607 | 琥珀酸二甲酯                           | Dimethyl succinate                                   | 2396 | Content: ≥98%   |  |
| S0608 | 硬脂酸乙酯                            | Ethyl stearate                                       | 3490 | Content: ≥89% (The sum of Ethyl   |  |

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|       |                            |   |      | octadecanoate, ethyl palmitate and ethyl ester of other fatty acids shall not be less than 96%) |  |
| S0609 | 3-甲基-2-丁烯-1-醇乙酸酯(又名乙酸异戊烯酯) | 3-Methyl-2-buten-1-ol acetate (Prenyl acetate)            | 4202 | Content: ≥98%   |  |
| S0610 | 己酸反式-2-己烯酯                 | <i>trans</i> -2-Hexenyl hexanoate                         | 3983 | Content: ≥93%   | Minor ingredients: Hexanoic acid and 2-hexenol |
| S0611 | 甲酸龙脑酯                      | Bornyl formate  | 2161 | Content: ≥95%   |  |
| S0612 | 顺式-4-庚烯酸乙酯                 | Ethyl ( <i>Z</i> )-hept-4-enoate                          | 3975 | Content: ≥98% (Sum of isomers)  |  |
| S0613 | 辛酸戊酯                       | Amyl octanoate  | 2079 | Content: ≥98%   |  |
| S0614 | 4-甲基戊酸甲酯                   | Methyl 4-methylvalerate                                   | 2721 | Content: ≥97%   |  |
| S0615 | 乙酸胡椒醛酯                     | Heliotropin acetate                                       | 2912 | Content: ≥97%   |  |
| S0616 | 丙酸肉桂酯                      | Cinnamyl propionate                                       | 2301 | Content: ≥98%   |  |
| S0617 | 异丁酸甲基苯基原酯(又名异丁酸苏合香酯)       | Methyl phenyl carbinyl isobutyrate (Styrallylisobutyrate) | 2687 | Content: ≥98%   |  |
| S0618 | 异丁酸十二酯                     | Dodecyl isobutyrate                                       | 3452 | Content: ≥97%   |  |
| S0619 | 异丁酸松油酯                     | Terpinyl isobutyrate                                      | 3050 | Content: ≥98%   |  |
| S0620 | 水杨酸异丁酯                     | Isobutyl salicylate                                       | 2213 | Content: ≥98%   |  |
| S0621 | 肉桂酸异戊酯                     | Isoamyl cinnamate   | 2063 | Content: ≥97%   |  |

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| S0622 | 乙酸异龙脑酯                                   | Isobornyl acetate   | 2160 | Color: colorless to pale beige<br>State: Liquid<br>Aroma: camphor, pine, resin aroma<br>Content: $\geq 97\%$<br>(May include small amounts of bornyl acetate)<br>Acid value, mg KOH/g: $\leq 1.0$<br>Relative density (25°C/25°C):<br>0.979~0.984<br>Refractive index(20°C): 1.462 ~1.465 |  |
| S0623 | $\gamma$ -戊内酯                            | $\gamma$ -Valerolactone   | 3103 | Color: colorless to light yellow<br>State: Liquid<br>Aroma: mild and sweet herbal aroma;<br>Content: $> 95\%$<br>Relative density (25°C/25°C):<br>1.047~1.054<br>Refractive index (20°C): 1.431~1.434   |  |
| S0630 | $\gamma$ -丁内酯                            | $\gamma$ -Butyrolactone   | 3291 | Content: $\geq 98\%$  |  |
| S0637 | 十五内酯                                     | Pentadecanolide   | 2840 | Content: $\geq 98\%$  |  |
| S0638 | 5-羟基-2-癸烯酸- $\delta$ -内酯                 | 5-Hydroxy-2-decenoic acid $\delta$ -lactone (Cocolactone)           | 3744 | Content: $\geq 95\%$  |  |
| S0639 | 3-丙叉苯酐                                   | 3-Propylidenephthalide  | 2952 | Content: $\geq 96\%$  |  |
| S0640 | 3-丁叉苯酐                                   | 3-Butylidenephthalide   | 3333 | Content: $\geq 99\%$  |  |
| S0641 | 薄荷内酯                                     | Mintlactone   | 3764 | Content: $\geq 98\%$  |  |
| S0642 | $\delta$ -十三内酯                           | $\delta$ -Tridecalactone  | -    | Content: $\geq 95\%$  |  |
| S0644 | 5-羟基-2,4-癸二烯酸内酯 (又名 6-戊基- $\alpha$ -吡喃酮) | 5-Hydroxy-2,4-decadienoic acid lactone (6-Pentyl- $\alpha$ -pyrone) | 3696 | Content: $\geq 98.7\%$  |  |
| S0645 | 5-羟基-7-癸烯酸内酯 (又名茉莉内酯)                    | 5-Hydroxy-7-decenoic acid lactone (Jasmine lactone)                 | 3745 | Content: $\geq 95\%$  |  |

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|       | 酯)   |   |      |   |   |
| S0646 | 威士忌内酯  | Whiskey lactone   | 3803 | Content: ≥98%   |   |
| S0647 | 二氢猕猴桃内酯<br>[又名(+/-)-2,6,6-三甲基-2-羟基环亚己基乙酸 $\gamma$ -内酯] | Dihydroactinidiolide ((+/-)-(2,6,6-Trimethyl-2-hydroxycyclohexylidene) acetic acid $\gamma$ -lactone) | 4020 | Content: ≥90%   | Minor ingredients: 2,9-dimethyl-3,8-decadiene, 4-hydroxy-5,6-oxy p-Ionone |
| S0648 | 黄葵内酯   | Ambrettolide  | 2555 | Content: ≥98%   |   |
| S0649 | $\alpha$ -当归内酯   | $\alpha$ -Angelica lactone  | 3293 | Content: ≥95%   |   |
| S0650 | $\gamma$ -甲基癸内酯  | $\gamma$ -Methyldecalactone   | 3786 | Content: ≥95%   |   |
| S0651 | $\beta$ -石竹烯   | $\beta$ -Caryophyllene  | 2252 | Content: ≥80%   | Minor ingredients: C <sub>15</sub> H <sub>24</sub> Terpenes               |
| S0652 | 巴伦西亚桔烯   | Valencene   | 3443 | Content: ≥94%   |   |
| S0653 | 月桂烯  | Myrcene   | 2762 | Content: ≥90% (C <sub>10</sub> H <sub>16</sub> Terpenes)  |   |
| S0654 | $d$ -苧烯  | $d$ -Limonene   | 2633 | Content: ≥96% (Sum of $d/l$ isomers)  |   |
| S0655 | 异松油烯   | Terpinolene   | 3046 | Color: colorless to light beige<br>Condition: Oily liquid<br>Aroma: Pleasant pine fragrance<br>Content: ≥95%<br>Acid value, mg KOH/g: <1.0<br>Relative density (25°C/25°C): 0.858~0.882<br>Refractive index (20°C): 1.474~1.491 |   |

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| S0656 | 罗勒烯                 | Ocimene                             | 3539 | Color: colorless to wheat yellow<br>State: flowing liquid<br>Aroma: with herbal aroma<br>Content: $\geq 95\%$<br>(Sum of <i>trans</i> - $\beta$ -ocimene and <i>cis</i> - $\beta$ -ocimene)<br>Acid value, mg KOH/g: <1.0<br>Relative density (25°C/25°C):<br>0.796~0.805<br>Refractive index (20°C): 1.478~1.491 | Minor ingredients: <i>cis</i> - $\beta$ -ocimene |
| S0657 | 茨烯                  | Camphene                            | 2229 | Content: $\geq 80\%$  |  |
| S0658 | $\alpha$ -蒎烯        | $\alpha$ -Pinene                    | 2902 | Color: colorless<br>State: flowing liquid<br>Aroma: with resin and pine like aroma<br>Content: $\geq 97\%$<br>Acid value, mg KOH/g: <1.0<br>Relative density<br>(25°C/25°C): 0.855~0.860<br>Refractive index (20°C): 1.462~1.468  |  |
| S0659 | $\beta$ -蒎烯         | $\beta$ -Pinene                     | 2903 | Color: colorless<br>State: flowing liquid<br>Aroma: with resin and pine like aroma<br>Content: $\geq 97\%$<br>Acid value, mg KOH/g: <1.0<br>Relative density (25°C/25°C):<br>0.867~0.871<br>Refractive index (20°C): 1.476~1.482  |  |
| S0661 | 1,4-桉叶素             | 1,4-Cineole                         | 3658 | Content: $\geq 75\%$  | Minor ingredients: 1,8- Cineole                  |
| S0663 | 1,4-二甲基-4-乙酰基-1-环己烯 | 1,4-Dimethyl-4-acetyl-1-cyclohexene | 3449 | Content: $\geq 98\%$  |  |

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| S0664 | 2-甲酰基-6,6-二甲基双环 [3.1.1]庚-2-烯 (又名桃金娘烯醛)   | 2-Formyl-6,6-dimethylbicyclo [3.1.1]-hept-2-ene (Myrtenal)     | 3395 | Content: ≥98%   |   |
| S0665 | 茶螺烷 [又名 1-氧杂螺- (4,5)-2,6,10,10-四甲基-6-癸烯] | Theaspirane (2,6,10,10-Tetramethyl-1-oxaspiro (4,5)-dec-6-ene) | 3774 | Content: ≥97% (Sum of stereoisomers)  |   |
| S0666 | 1,3,5-十一碳三烯                              | 1,3,5-Undecatriene   | 3795 | Content: ≥94% (Sum of cis and trans isomers)  | Minor ingredients: 2,4,6-Undecaprotiene ( <i>cis, cis, trans</i> )                        |
| S0667 | 对, $\alpha$ -公二甲基苯乙烯                     | <i>p,a</i> -Dimethylstyrene                                    | 3144 | Content: ≥97%   |   |
| S0668 | $\alpha$ -水芹烯                            | $\alpha$ -Phellandrene   | 2856 | Content: ≥95%   |   |
| S0669 | 红没药烯                                     | Bisabolene   | 3331 | Content: ≥97%   |   |
| S0670 | $\gamma$ -松油烯                            | $\gamma$ -Terpinene  | 3559 | Content: ≥95%   |   |
| S0671 | 6-羟基二氢茶螺烷                                | 6-Hydroxydihydrotheaspirane                                    | 3549 | Content: ≥98%   |   |
| S0672 | 1-甲基-3-甲氧基-4-异丙基苯                        | 1-Methyl-3-methoxy-4-isopropylbenzene                          | 3436 | Content: ≥98%   |   |
| S0673 | 间-二甲氧基苯                                  | <i>m</i> -Dimethoxybenzene                                     | 2385 | Content: ≥97%   |   |
| S0674 | 对-异丙基甲苯                                  | <i>p</i> -Cymene   | 2356 | Content: ≥97%   |   |
| S0675 | 3,4-二甲酚                                  | 3,4-Dimethylphenol   | 3596 | Content: ≥98%   |   |
| S0676 | 1-甲基萘                                    | 1-Methylnaphthalene  | 3193 | Content: ≥97%   |   |
| S0677 | 1,2-二甲氧基苯                                | 1,2-Dimethoxybenzene   | 3799 | Content: ≥98%   |   |
| S0678 | $\alpha$ -金合欢烯                           | $\alpha$ -Farnesene  | 3839 | Content: ≥38% [ $\alpha$ - Farnesene and $\beta$ -Farnesene (Sum of <i>cis</i> and <i>trans</i> isomers)] | Minor ingredients: bisabolene, other isomers (valencene, boubonene, cadinene, Yukaomuene) |
| S0679 | 苏合香烯                                     | Styrene  | 3233 | Content: ≥95%   |   |

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|-------|---------------------------------|--|------|---------------|--|
| S0680 | α-松油烯                           | α-Terpinene  | 3558 | Content: ≥89% | Minor ingredients: 1,4-Cineole and 1,8-Cineole   |
| S0681 | 3-萜烯                            | 3-Carene   | 3821 | Content: ≥92% | Minor ingredients: F-pinene, Limonene, lauroyene, p-isopropyl toluene  |
| S0683 | 香菇素                             | Lenthionine  | -    | Content: ≥95% | The commercial Lenthionine product shall be made from the raw material of the Lenthionine in accordance with this standard by adding the solvent (such as propylene glycol or edible vegetable oil) meeting the quality specification requirements of food additives, and the content index shall meet the identification value. |
| S0684 | 氧化石竹烯                           | Caryophyllene oxide                                  | 4085 | Content: ≥95% |  |
| S0685 | 2,4,6-三甲基-1,3,5-三氧杂环己烷 (又名三聚乙醛) | 2,4,6-Trimethyl-1,3,5-trioxacyclohexane (Paradehyde) | 4010 | Content: ≥95% |  |



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|-------|------------------------|--|------|---------------|---|
| S0686 | 甲硫醇                    | Methyl mercaptan   | 2716 | Content: ≥95% | The commercial methyl mercaptan product shall be made from the methyl mercaptan meeting this standard by adding the solvent (such as propylene glycol) meeting the quality specification requirements of food additives, and the content index shall meet the identification value. |
| S0688 | 正丁硫醇                   | 1-Butanethiol  | 3478 | Content: ≥98% |   |
| S0689 | 2-甲基-1-丁硫醇             | 2-Methyl-1-butanethiol   | 3303 | Content: ≥99% |   |
| S0690 | 3-(甲硫基)-1-己醇           | 3-(Methylthio)-1-hexanol   | 3438 | Content: ≥97% |   |
| S0691 | 1,6-己二硫醇               | 1,6-Hexanedithiol  | 3495 | Content: ≥95% |   |
| S0695 | 二甲基三硫醚                 | Dimethyl trisulfide  | 3275 | Content: ≥97% |   |
| S0696 | 二丁基硫醚                  | Dibutyl sulfide  | 2215 | Content: ≥95% |   |
| S0697 | 2,2'-(硫代二亚甲基)-二呋喃二糠基硫醚 | 2,2'-(Thiodimethylene)-difuran (2-Furfurylmonosulfide) (Bis(2-furfuryl) sulfide) (Difurfuryl sulphide) | 3238 | Content: ≥95% |   |
| S0699 | 邻-甲硫基苯酚                | <i>o</i> -(Methylthio)-phenol  | 3210 | Content: ≥98% |   |
| S0701 | 8-巯基薄荷酮                | <i>p</i> -Mentha-8-thiol-3-one   | 3177 | Content: ≥97% |   |
| S0702 | 硫代乙酸糠酯                 | Furfuryl thioacetate   | 3162 | Content: ≥95% |   |
| S0705 | 吲哚                     | Indole   | 2593 | Content: ≥97% |   |
| S0706 | 三甲基胺                   | Trimethylamine   | 3241 | Content: ≥98% |   |
| S0707 | 玫瑰醚                    | Rose oxide   | 3236 | Content: ≥99% |   |
| S0708 | 羟基香茅醇                  | Hydroxycitronellol   | 2586 | Content: ≥97% |   |
| S0709 | 3,5-二甲基-1,2,4-三硫杂环戊烷   | 3,5-Dimethyl-1,2,4-trithiolane   | 3541 | Content: ≥98% |   |
| S0714 | 对-甲苯基乙醛                | <i>p</i> -Tolylacetaldehyde  | 3071 | Content: ≥95% |   |

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|-------|--------------------------|--|------|--------------------------------|--|
| S0715 | 2,6,6-三甲基-1 或 2-环己烯-1-甲醛 | 2,6,6-Trimethyl-1 or 2-cyclohexen-1-carboxaldehyde | 3639 | Content: ≥99%                  |  |
| S0716 | 2-异丁基-3-甲基吡嗪             | 2-Isobutyl 3-methylpyrazine                        | 3133 | Content: ≥98%                  |  |
| S0717 | 2-甲氧基-3-仲丁基吡嗪            | 2-Methoxy-3-sec- butylpyrazine                     | 3433 | Content: ≥99%                  |  |
| S0718 | 2,3-二乙基吡嗪                | 2,3-Diethylpyrazine                                | 3136 | Content: ≥97%                  |  |
| S0719 | 3-乙基-2,6-二甲基吡嗪           | 3-Ethyl-2,6-dimethylpyrazine                       | 3150 | Content: ≥95%                  |  |
| S0721 | 2-乙酰基-3-乙基吡嗪             | 2-Acetyl-3-ethylpyrazine                           | 3250 | Content: ≥98%                  |  |
| S0722 | 2,3-二乙基-5-甲基吡嗪           | 2,3-Diethyl-5-methylpyrazine                       | 3336 | Content: ≥98%                  |  |
| S0723 | 5-异丙基-2-甲基吡嗪             | 5-Isopropyl-2-methylpyrazine                       | 3554 | Content: ≥97%                  |  |
| S0724 | 2,6-二甲基吡啶                | 2,6-Dimethylpyridine                               | 3540 | Content: ≥99%                  |  |
| S0725 | 4-甲基噻唑                   | 4-Methylthiazole                                   | 3716 | Content: ≥97%                  |  |
| S0726 | α-甲基肉桂醛                  | α-Methylcinnamaldehyde                             | 2697 | Content: ≥95%                  |  |
| S0728 | 2,4,5-三甲基噻唑              | 2,4,5-Trimethylthiazole                            | 3325 | Content: ≥97%                  |  |
| S0729 | 2-乙基-4-甲基噻唑              | 2-Ethyl-4-methylthiazole                           | 3680 | Content: ≥97%                  |  |
| S0730 | 5-乙烯基-4-甲基噻唑             | 4-Methyl-5-vinylthiazole                           | 3313 | Content: ≥97%                  |  |
| S0733 | 2-异丁基噻唑                  | 2-Isobutylthiazole                                 | 3134 | Content: ≥96%                  |  |
| S0734 | 苯并噻唑                     | Benzothiazole                                      | 3256 | Content: ≥96%                  |  |
| S0735 | N-糠基吡咯                   | N-Furfuryl pyrrole                                 | 3284 | Content: ≥98%                  |  |
| S0737 | 5,6,7,8-四氢喹啉             | 5,6,7,8-Tetrahydroquinoxaline                      | 3321 | Content: ≥98%                  |  |
| S0738 | 2,4,5-三甲基 δ-3-噁唑啉        | 2,4,5-Trimethyl-δ-3-oxazoline                      | 3525 | Content: ≥94%                  |  |
| S0739 | 2-甲基-4-丙基-1,3-噁唑烷        | 2-Methyl-4-propyl-1,3- oxathiane                   | 3578 | Content: ≥98% (Sum of isomers) |  |
| S0740 | 吡啶                       | Pyridine   | 2966 | Content: ≥99%                  |  |
| S0742 | 2-戊基硫醇                   | 2-Pentanethiol                                     | 3792 | Content: ≥97%                  |  |

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|-------|-------------------------------|---|------|---------------|--|
| S0743 | 邻-甲基苯硫酚                       | <i>o</i> -Toluenethiol                    | 3240 | Content: ≥95% |  |
| S0744 | 苄基硫醇                          | Benzyl mercaptan                          | 2147 | Content: ≥98% |  |
| S0745 | 1-对-盖烯-8-硫醇 (又名 1-对-薄荷烯-8-硫醇) | 1- <i>p</i> -Menthene-8-thiol             | 3700 | Content: ≥98% |  |
| S0746 | 甲基丙基二硫醚                       | Methyl propyl disulfide                   | 3201 | Content: ≥95% |  |
| S0747 | 甲基苄基二硫醚                       | Methyl benzyl disulfide                   | 3504 | Content: ≥99% |  |
| S0748 | 甲基糠基二硫醚                       | Methyl furfuryl disulfide                 | 3362 | Content: ≥95% |  |
| S0750 | 双(2-甲基-3-呋喃基)二硫醚              | Bis(2-methyl-3-furyl) disulfide           | 3259 | Content: ≥98% |  |
| S0751 | 糠基甲基硫醚                        | Furfuryl methyl sulfide                   | 3160 | Content: ≥97% |  |
| S0752 | 2,6-二甲基苯硫酚                    | 2,6-Dimethylthiophenol                    | 3666 | Content: ≥97% |  |
| S0753 | 2-甲基-3(2-呋喃基)丙烯醛              | 2-Methyl-3(2-furyl) acrolein              | 2704 | Content: ≥96% |  |
| S0754 | 2-甲基四氢噻吩-3-酮                  | 2-Methyltetrahydrothiophen-3-one          | 3512 | Content: ≥99% |  |
| S0755 | 2-甲基-5-(甲硫基)呋喃                | 2-Methyl-5-(methylthio) furan             | 3366 | Content: ≥98% |  |
| S0756 | 2-羟基-3,5,5-三甲基-2-环己烯酮         | 2-Hydroxy-3,5,5-trimethyl-2-cyclohexenone | 3459 | Content: ≥99% |  |
| S0757 | 糠酸甲酯                          | Methyl 2-furoate                          | 2703 | Content: ≥98% |  |
| S0758 | 硫代乙酸乙酯                        | Ethyl thioacetate                         | 3282 | Content: ≥98% |  |
| S0759 | 硫代乙酸丙酯                        | Propyl thioacetate                        | 3385 | Content: ≥99% |  |
| S0760 | 3-巯基丙酸乙酯                      | Ethyl 3-mercaptopropionate                | 3677 | Content: ≥98% |  |
| S0761 | 硫代丁酸甲酯                        | Methyl thiobutyrate                       | 3310 | Content: ≥98% |  |
| S0763 | 2-硫代糠酸甲酯                      | Methyl 2-thiofuroate                      | 3311 | Content: ≥97% |  |
| S0764 | 3-甲基-1,2,4-三噻烷                | 3-Methyl-1,2,4-trithiane                  | 3718 | Content: ≥98% |  |
| S0766 | 2-乙基吡嗪                        | 2-Ethylpyrazine                           | 3281 | Content: ≥98% |  |

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|-------|-----------------------|-------------------------------------|------|---|--|
| S0767 | 2-乙基-3, (5 或 6)-二甲基吡嗪 | 2-Ethyl-3 (5 or 6)-dimethylpyrazine | 3149 | Content: $\geq 95\%$ (Sum of isomers)   |  |
| S0768 | 2-甲氧基-3-异丁基吡嗪         | 2-Methoxy-3-isobutyl pyrazine       | 3132 | Content: $\geq 95\%$  |  |
| S0769 | 1-甲基-2-乙酰基吡咯          | 1-Methyl-2-acetylpyrrole            | 3184 | Content: $\geq 98\%$  |  |
| S0770 | N-乙基-2-乙酰基吡咯          | 1-Ethyl-2-acetylpyrrole             | 3147 | Content: $\geq 98\%$  |  |
| S0771 | 喹啉                    | Quinoline                           | 3470 | Content: $\geq 97\%$  |  |
| S0772 | 6-甲基喹啉                | 6-Methylquinoline                   | 2744 | Content: $\geq 98\%$  |  |
| S0773 | 5-甲基喹噁啉               | 5-Methylquinoxaline                 | 3203 | Content: $\geq 98\%$  |  |
| S0774 | 哌啶                    | Piperidine                          | 2908 | Content: $\geq 98\%$  |  |
| S0775 | $\beta$ -甲基吲哚         | $\beta$ -Methylindole               | 3019 | Content: $\geq 97\%$  |  |
| S0776 | 5-乙基-2-甲基吡啶           | 5-Ethyl-2-methylpyridine            | 3546 | Content: $\geq 97\%$  |  |
| S0777 | 3-乙基吡啶                | 3-Ethylpyridine                     | 3394 | Content: $\geq 98\%$  |  |
| S0778 | 2-乙酰基吡啶               | 2-Acetylpyridine                    | 3251 | Color: colorless to pale yellow<br>State: Liquid<br>Aroma: tobacco, popcorn, strong fat aroma<br>Content: $\geq 97\%$<br>Acid value, mg KOH/g: $\leq 1.0$<br>Relative density (25°C/25°C):<br>1.077~1.084<br>Refractive index (20°C): 1.518~1.524 |  |
| S0779 | 3-乙酰基吡啶               | 3-Acetylpyridine                    | 3424 | Content: $\geq 97\%$  |  |
| S0780 | 甲酸肉桂酯                 | Cinnamyl formate                    | 2299 | Content: $\geq 95\%$  |  |
| S0781 | 异戊胺                   | Isopentylamine                      | 3219 | Content: $\geq 98\%$  |  |
| S0782 | 苯乙胺                   | Phenethylamine                      | 3220 | Content: $\geq 95\%$  |  |
| S0783 | 2-甲基-1,3-二硫环戊烷        | 2-Methyl-1,3-dithiolane             | 3705 | Content: $\geq 99\%$  |  |
| S0784 | 6-乙酰氧基二氢茶螺烷           | 6-Acetoxydihydrotheaspirane         | 3651 | Content: $\geq 97\%$  |  |
| S0785 | 4,5-二甲基噻唑             | 4,5-Dimethyl thiazole               | 3274 | Content: $\geq 97\%$  |  |
| S0786 | 3-巯基己醇                | 3-Mercaptohexanol                   | 3850 | Content: $\geq 99\%$  |  |

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| S0787 | 三硫丙酮                  | Trithioacetone                      | 3475 | Content: ≥99%  |  |
| S0788 | 2,6-二甲基吡嗪             | 2,6-Dimethylpyrazine                | 3273 | Content: ≥98% (Sum of 2,3-dimethylpyrazine, 2,5-dimethylpyrazine and 2,6-dimethylpyrazine)                   |  |
| S0789 | 2-(甲硫基)乙酸乙酯           | Ethyl 2-(methylthio) acetate        | 3835 | Content: ≥98%  |  |
| S0790 | 乙酸 3-巯基己酯             | 3-Mercaptohexyl acetate             | 3851 | Content: ≥81.7%  | Minor ingredients:<br>3-mercaptan<br>hexanol, 3-acetyl<br>mercaptan hexyl<br>acetate |
| S0791 | 2-(甲基二硫基)丙酸乙酯         | Ethyl 2-(methyldithio) propionate   | 3834 | Content: ≥98%  |  |
| S0792 | 3-(甲硫基)丁酸乙酯           | Ethyl 3-(methylthio) butyrate       | 3836 | Content: ≥97%  |  |
| S0793 | 丁酸 3-巯基己酯             | 3-Mercaptohexyl butyrate            | 3852 | Content: ≥90%  |  |
| S0794 | 己酸 3-巯基己酯             | 3-Mercaptohexyl hexanoate           | 3853 | Content: ≥95%  |  |
| S0795 | 糠醇                    | Furfuryl alcohol                    | 2491 | Content: ≥97%  |  |
| S0796 | 四氢糠醇                  | Tetrahydro furfuryl alcohol         | 3056 | Content: ≥99%  |  |
| S0798 | 2-乙基-3-甲基吡嗪           | 2-Ethyl-3-Methylpyrazine            | 3155 | Content: ≥97% (Sum of 2-ethyl-3-methylpyrazine, 2-ethyl-5-methylpyrazine, and 2-ethyl-6-methylpyrazine)      |  |
| S0799 | 3-甲基-2-丁硫醇            | 3-Methyl-2-butanethiol              | 3304 | Content: ≥99%  |  |
| S0800 | 2-甲基-3-四氢呋喃硫醇         | 2-Methyl-3- tetrahydrofuranthiol    | 3787 | Content: ≥97% (Sum of isomers)   |  |
| S0801 | 丙硫醇                   | Propanethiol                        | 3521 | Content: ≥97%  |  |
| S0802 | 1,3-丙二硫醇              | 1,3-Propanedithiol                  | 3588 | Content: ≥98%  |  |
| S0803 | 烯丙基硫醇 (又名 2-丙烯基-1-硫醇) | Allyl mercaptan (2-propene-1-thiol) | 2035 | Content: ≥75% (the sum of propyl disulfide, propyl sulfide, and propyl mercaptan shall not be less than 98%) |  |
| S0804 | 4-甲氧基-2-甲基-2-丁硫醇      | 4-Methoxy-2-methyl-2- butanethiol   | 3785 | Content: ≥98%  |  |

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|-------|---------------------------|--|------|--|---------------------------------------|
| S0805 | 2-苯乙硫醇                    | 2-Phenylethyl mercaptan                                  | 3894 | Content: $\geq 99\%$   |                                       |
| S0806 | 3-巯基-3-甲基-1-丁醇            | 3-Mercapto-3-methyl-1-butanol                            | 3854 | Content: $\geq 96\%$   |                                       |
| S0807 | 甲基 2-甲基-3-呋喃基二硫醚          | Methyl 2-methyl-3-furyldisulfide                         | 3573 | Content: $\geq 97\%$   |                                       |
| S0808 | 甲基乙基硫醚                    | Methyl ethyl sulfide                                     | 3860 | Content: $\geq 98\%$   |                                       |
| S0809 | 甲基苯基二硫醚                   | Methyl phenyl disulfide                                  | 3872 | Content: $\geq 97\%$   |                                       |
| S0810 | 二乙基硫醚                     | Diethyl sulfide  | 3825 | Content: $\geq 98\%$   |                                       |
| S0811 | 二丙基三硫醚                    | Dipropyl trisulfide                                      | 3276 | Content: $\geq 99\%$ (Including dipropyl disulfide)  |                                       |
| S0812 | 丙烯基丙基二硫醚                  | Propenyl propyl disulfide                                | 3227 | Content: $\geq 92\%$ (Mixture of cis and trans isomers)  | Minor ingredients: dipropyl disulfide |
| S0814 | 二烯丙基三硫醚                   | Diallyl trisulfide                                       | 3265 | Content: $\geq 65\%$ (the sum of allyl disulfide, allyl trisulfide, and allyl tetrasulfide shall not be less than 95%) |                                       |
| S0815 | 二烯丙基四硫醚 (又名二烯丙基聚硫醚)       | Diallyl tetrasulfide (Diallyl polysulfide)               | 3533 | Content: $\geq 95\%$   |                                       |
| S0816 | 2-甲硫甲基-2-丁烯醛              | 2-(Methylthio) methyl-2-butenal                          | 3601 | Content: $\geq 99\%$   |                                       |
| S0817 | 3-甲硫基己醛                   | 3-Methylthio hexanal                                     | 3877 | Content: $\geq 95.8\%$   |                                       |
| S0818 | 乙酸环己酯                     | Cyclohexyl acetate                                       | 2349 | Content: $\geq 98\%$   |                                       |
| S0819 | 邻-氨基苯乙酮                   | o-Amino acetophenone                                     | 3906 | Content: $\geq 97\%$   |                                       |
| S0820 | 2-甲基-3-甲硫基呋喃              | 2-Methyl-3-(methylthio)furan                             | 3949 | Content: $\geq 95\%$   |                                       |
| S0821 | 甲酸 3-巯基 3-甲基丁酯            | 3-Mercapto-3-methyl-butyl formate                        | 3855 | Content: $\geq 95\%$   |                                       |
| S0822 | 乙酸 3-甲硫基丙酯                | 3-(Methylthio)propyl acetate                             | 3883 | Content: $\geq 97\%$   |                                       |
| S0823 | 3-甲基硫代丁酸 S-甲酯 (又名异戊酸甲硫醇酯) | S-Methyl 3-methylbutanethioate (Methylthiol isovalerate) | 3864 | Content: $\geq 95\%$   |                                       |

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|-------|---------------------------|---|------|--------------------------------|--|
| S0824 | 甲硫磺酸 S-甲酯                 | Methyl methanethiosulfonate                     | -    | Content: ≥95%                  |  |
| S0825 | 2-甲硫基丁酸甲酯                 | Methyl 2-methylthio butyrate                    | 3708 | Content: ≥99%                  |  |
| S0826 | 3-甲硫基-1-己醇乙酸酯             | 3-(Methylthio)-1-hexyl acetate                  | 3789 | Content: ≥99%                  |  |
| S0827 | 甲硫醇乙酸酯                    | S-methyl thioacetate                            | 3876 | Content: ≥98%                  |  |
| S0828 | (5H)-5-甲基-6,7-二氢环戊基并(b)吡嗪 | (5H)-5-Methyl-6,7-dihydro-cyclopenta(b)pyrazine | 3306 | Content: ≥97%                  |  |
| S0829 | 2-甲氧基吡嗪                   | 2-Methoxypyrazine                               | 3302 | Content: ≥99%                  |  |
| S0830 | 2-,5 或 6-甲氧基-3-甲基吡嗪       | 2-,5 or 6-Methoxy-3-methyl-pyrazine             | 3183 | Content: ≥97% (Sum of isomers) |  |
| S0831 | 2-乙酰基-3,5 (或 6)-二甲基吡嗪     | 2-Acetyl-3,5(or 6) dimethyl pyrazine            | 3327 | Content: ≥97% (Sum of isomers) |  |
| S0832 | 2-乙酰基 3-甲基吡嗪              | 2-Acetyl 3-methyl pyrazine                      | 3964 | Content: ≥98%                  |  |
| S0833 | 四氢吡咯(吡咯烷)                 | Tetrahydropyrrole (Pyrrolidine)                 | 3523 | Content: ≥95%                  |  |
| S0834 | 2-异丁基吡啶                   | 2-Isobutyl pyridine                             | 3370 | Content: ≥97%                  |  |
| S0835 | 2-乙基-4,5-二甲基噁唑            | 2-Ethyl-4,5-dimethyloxazole                     | 3672 | Content: ≥99%                  |  |
| S0836 | 硫化铵                       | Ammonium sulfide                                | 2053 | Content: ≥95%                  |  |
| S0837 | 2-巯基丙酸乙酯                  | Ethyl 2-mercaptopropionate                      | 3279 | Content: ≥99%                  |  |
| S0838 | N-(4-羟基-3-甲氧基苄基)壬酰胺       | N-(4-Hydroxy-3-methoxybenzyl)-nonanamide        | 2787 | Content: ≥96%                  |  |
| S0839 | 1,4-二噻烷                   | 1,4-Dithiane                                    | 3831 | Content: ≥97%                  |  |
| S0840 | 桃金娘烯醇                     | Myrtenol  | 3439 | Content: ≥95%                  |  |
| S0841 | 胡椒碱                       | Piperine  | 2909 | Content: ≥97%                  |  |
| S0842 | 2,3-二甲基苯并呋喃               | 2,3-Dimethylbenzofuran                          | 3535 | Content: ≥97%                  |  |
| S0844 | γ-紫罗兰酮                    | γ-Ionone  | 3175 | Content: ≥95%                  |  |
| S0845 | α-二氢紫罗兰酮                  | Dihydro-Alpha-ionone                            | 3628 | Content: ≥99%                  |  |

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|-------|-------------------------------|---|------|--|--------------------------------------|
| S0846 | <i>d</i> -胡椒酮 (又名对-盖-1-烯-3-酮) | <i>d</i> -Piperitone ( <i>p</i> -menth-1-en-3-one)      | 2910 | Content: ≥94%  | Minor ingredients: menthol, menthone |
| S0847 | 胡椒烯酮 [又名对-盖-1,4(8)-二烯-3-酮]    | Piperitenone ( <i>p</i> -Mentha-1,4(8)-dien-3-one)      | 3560 | Content: ≥95% (Sum of isomers)                                       |                                      |
| S0848 | <i>l</i> -天冬氨酸                | <i>l</i> -Aspartic acid                                 | 3656 | Content: ≥98% (Titration method, according to Chinese Pharmacopoeia) |                                      |
| S0849 | <i>d,l</i> -异亮氨酸              | <i>d,l</i> -Isoleucine                                  | 3295 | Content: ≥98% (Titration method, according to Chinese Pharmacopoeia) |                                      |
| S0857 | $\delta$ -十六内酯                | $\delta$ -Hexadecalactone                               | 4673 | Content: ≥95%  |                                      |
| S0858 | (+/-) 二氢薄荷内酯                  | (+/-) Dihydromintlactone                                | 4032 | Content: ≥99%  |                                      |
| S0859 | 顺式-4-十二烯醛                     | ( <i>Z</i> )-4-Dodecenal                                | 4036 | Content: ≥94% (Containing dodecyl aldehyde)                          |                                      |
| S0860 | 4,5-环氧反式-2-癸烯醛                | 4,5-Epoxy <i>trans</i> -2-decenal                       | 4037 | Content: ≥87% ( <i>trans</i> isomer)                                 | Minor ingredients: <i>cis</i> isomer |
| S0861 | 2-乙基-5-甲基吡嗪                   | 2-Ethyl-5-methylpyrazine                                | 3154 | Content: ≥95%  |                                      |
| S0862 | 顺式-3-顺式-6-壬二烯-1-醇             | <i>cis</i> -3- <i>cis</i> -6-Nonadien-1-ol              | 3885 | Content: ≥97%  |                                      |
| S0863 | 2-甲基-1-丁醇                     | 2-Methyl-1-butanol                                      | 3998 | Content: ≥99%  |                                      |
| S0864 | 异龙脑                           | Isoborneol  | 2158 | Content: ≥92%  | Minor ingredients: borneol           |
| S0865 | 2-壬醇                          | 2-Nonanol   | 3315 | Content: ≥98%  |                                      |
| S0866 | 反式-2-辛烯-1-醇                   | ( <i>E</i> )-2-Octen-1-ol ( <i>trans</i> -2-Octen-1-ol) | 3887 | Content: ≥96%  |                                      |
| S0867 | 香芹醇                           | Carveol   | 2247 | Content: ≥96% (Sum of <i>cis</i> and <i>trans</i> isomers)           |                                      |
| S0868 | 对-盖烷-2-酮 (又名对-薄荷烷-2-酮)        | <i>p</i> -Menthan-2-one                                 | 3176 | Content: ≥97%  |                                      |
| S0869 | 4-甲基-3-戊烯-2-酮                 | 4-Methyl-3-penten-2-one                                 | 3368 | Content: ≥95%  |                                      |
| S0870 | 反式,反式-3,5-辛二烯-2-酮             | <i>trans, trans</i> -3,5-Octadien-2-one                 | 4008 | Content: ≥95%  |                                      |



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| S0871 | 2-甲基呋喃                                       | 2-Methyl furan  | 4179 | Content: ≥97%   |  |
| S0872 | 3-癸烯-2-酮                                     | 3-Decen-2-one   | 3532 | Content: ≥95%   |  |
| S0873 | 2-辛烯-4-酮                                     | 2-Octen-4-one   | 3603 | Content: ≥96%   |  |
| S0874 | 2-呋喃基-2-丙酮                                   | (2-Furyl)-2-propanone   | 2496 | Content: ≥97%   |  |
| S0875 | 5-甲基-2,3-己二酮                                 | 5-Methyl-2,3-hexanedione  | 3190 | Content: ≥95%   |  |
| S0876 | 2-甲基-3-戊烯酸                                   | 2-Methyl-3-pentenoic acid   | 3464 | Content: ≥99% (Mixture of cis and trans isomers)  |  |
| S0877 | L-酪氨酸  | L-Tyrosine  | 3736 | Content: ≥98% (potentiometric titration, according to Chinese Pharmacopoeia)  |  |
| S0878 | 2-氧代戊二酸                                      | 2-Oxopentanedioic acid  | 3891 | Content: ≥99%   |  |
| S0879 | 4-茴香酸  | 4-Anisic acid   | 3945 | Content: ≥98% (The test method shall be in accordance with GB/T 14455.5)  |  |
| S0880 | 亚油酸  | Linoleic acid   | 3380 | Content: ≥60% (sum of oleic acid and linolenic acid)  |  |
| S0882 | L-胱氨酸  | L-Cystine   | -    | Content:98.5%~101.5% (dry basis) (potentiometric titration, according to Chinese Pharmacopoeia)   |  |
| S0883 | L-蛋氨酸  | L-Methionine  | -    | Content:98.5%~101.5% (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S, dry basis) (potentiometric titration, according to Chinese Pharmacopoeia) |  |
| S0884 | L-谷氨酰胺                                       | L-Glutamine   | 3684 | Content: ≥98% (potentiometric titration, according to Chinese Pharmacopoeia)  |  |
| S0885 | 2-丙硫醇  | 2-Propanethiol  | 3897 | Content: ≥98%   |  |
| S0886 | 4-巯基-4-甲基-2-戊酮                               | 4-Mercapto-4-methyl-2-pentanone   | 3997 | Content: ≥48%   | Minor ingredients:<br>4-methyl-3-pentene-2-one |
| S0887 | 1,2-乙二硫醇                                     | 1,2-Ethanedithiol   | 3484 | Content: ≥99%   |  |
| S0888 | 异戊烯基硫醇                                       | Prenyl mercaptan  | 3896 | Content: ≥98%   |  |
| S0889 | <i>d,l</i> -(3-氨基-3-羧基丙基)二甲基氯化铈(又名甲基蛋氨酸-氯化铈) | <i>d,l</i> -(3-Amino-3-carboxypropyl)dimethylsulfonium chloride ( <i>d,l</i> -methylmethionine sulfoniumchloride) | 3445 | Content: ≥98%   |  |

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| S0890 | 2-甲基-3-硫代乙酰氧基-4,5-二氢呋喃   | 2-Methyl-3-thioacetoxy-4,5-dihydrofuran    | 3636 | Content: $\geq 99\%$   |   |
| S0891 | 异丁基硫醇                    | Isobutyl mercaptan                         | 3874 | Content: $\geq 97\%$   |   |
| S0892 | 苜基硫醇                     | Benzenethiol                               | 3616 | Content: $\geq 97\%$   |   |
| S0893 | 异硫氰酸苜酯                   | Benzyl isothiocyanate                      | -    | Content: $\geq 97\%$   |   |
| S0894 | 甲基烯丙基三硫醚                 | Allyl methyl trisulfide                    | 3253 | Content: $\geq 80\%$   | Minor ingredients:<br>Dimethyl trisulfide,<br>Allyl trisulfide    |
| S0895 | 2-戊基噻吩                   | 2-Pentyl thiophene                         | 4387 | Content: $\geq 99\%$   |   |
| S0896 | 3,5-二乙基-1,2,4-三硫杂环戊烷     | 3,5-Diethyl-1,2,4-trithiolane              | 4030 | Content: $\geq 95\%$ (Sum of cis and trans isomers)  |   |
| S0897 | 噻吩                       | Thiophene                                  | -    | Content: $\geq 95\%$   |   |
| S0898 | 2,4,6-三甲基二氢-4H-1,3,5-二噻嗪 | 2,4,6-Trimethyldihydro-4H-1,3,5-dithiazine | 4018 | Content: $\geq 99\%$ (Sum of three isomers)  |   |
| S0899 | 异硫氰酸 3-甲硫基丙酯             | 3-Methylthiopropyl isothiocyanate          | 3312 | Content: $\geq 98\%$   |   |
| S0900 | 3-甲基丁基硫醇                 | 3-Methylbutanethiol                        | 3858 | Content: $\geq 97\%$   |   |
| S0901 | 2-乙酰基-2-噻唑啉              | 2-Acetyl-2-thiazoline                      | 3817 | Content: $\geq 98\%$   |   |
| S0902 | 甲基丙基三硫醚                  | Methyl propyl trisulfide                   | 3308 | Content: $\geq 45\%$ (the sum of methyl propyl trisulfide, dipropyl trisulfide, dipropyl disulfide, dimethyl disulfide and methyl propyl sulfide is not less than 99%) |   |
| S0903 | 噻唑                       | Thiazole                                   | 3615 | Content: $\geq 98\%$   |   |
| S0904 | 吡嗪                       | Pyrazine                                   | 4015 | Content: $\geq 98\%$   |   |
| S0905 | 甲基 1-丙烯基二硫醚              | Methyl 1-propenyl disulfide                | 3576 | Content: $\geq 90\%$   | Minor ingredients:<br>dipropyl disulfide, di-1-propenyl disulfide |
| S0906 | 甲酸丙酯                     | Propyl formate                             | 2943 | Content: $\geq 94\%$   | Minor ingredients:<br>propanol                                    |

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| S0907 | 香兰素 3-(1-盖氧基) 丙-二<br>醇缩醛 [又名香兰素 3-( <i>l</i> -<br>薄荷烷氧基)丙-1,2-二醇缩<br>醛] | Vanillin 3-( <i>l</i> -menthoxy)<br>propane-1,2-diol acetal       | 3904 | Content: ≥94%   | Minor ingredients:<br>vanillin (≤3%)   |
| S0908 | 3-戊烯-2-酮  | 3-Penten-2-one  | 3417 | Content: ≥98%   |  |
| S0909 | 十二酸甲酯 (又名月桂酸甲<br>酯)   | Methyl dodecanoate<br>(Methyl laurate)                            | 2715 | Content: ≥94%   | Minor ingredients:<br>methyl tetradecate,<br>methyl decate and<br>methyl hexadecanoate |
| S0910 | 乙酸紫苏酯 (又名对-1,8-盖<br>二烯-7-醇乙酸酯)  | Perillyl acetate ( <i>p</i> -<br>Mentha-1,8-dien-7-yl<br>acetate) | 3561 | Content: ≥97%   |  |
| S0911 | 苹果酸二乙酯  | Diethyl malate  | 2374 | Content: ≥99%   |  |
| S0912 | 甲硫基乙酸甲酯   | Methyl (methylthio) acetate                                       | 4003 | Content: ≥98%   |  |
| S0913 | 2-乙酰基-1-吡咯啉   | 2-Acetyl-1-pyrroline  | 4249 | Content: ≥95%   |  |
| S0914 | 甲酸异丙酯   | Isopropyl formate   | 2944 | Content: ≥99%   |  |
| S0915 | 4-甲基-2-戊烯醛  | 4-Methyl-2-pentenal   | 3510 | Content: ≥97% (Sum of isomers)                        |  |
| S0916 | 亚油酸乙酯   | Ethyl linoleate   | -    | Content: ≥95%   |  |
| S0917 | 2,4,6-三异丁基-5,6-二氢-<br>4 <i>H</i> -1,3,5-二噻嗪                             | 2,4,6-Triisobutyl-5,6-<br>dihydro-4 <i>H</i> -1,3,5-dithiazine    | 4017 | Content: ≥95% (Mixture of the three<br>stereoisomers) |  |
| S0918 | 乙酸十二醇酯  | Dodecyl acetate   | 2616 | Content: ≥98%   |  |
| S0919 | 2-乙基丁醛  | 2-Ethyl butyraldehyde   | 2426 | Content: ≥95%   |  |
| S0920 | 辛酸辛酯  | Octyl caprylate   | 2811 | Content: ≥98%   |  |
| S0921 | 己醛二乙缩醛  | Hexanal diethyl acetal  | -    | Content: ≥95%   |  |
| S0922 | 丙酸异丙酯   | Isopropyl propionate  | 2959 | Content: ≥98%   |  |
| S0923 | 丁酸反式-2-己烯酯  | <i>trans</i> -2-Hexenyl butyrate                                  | 3926 | Content: ≥95%   |  |
| S0924 | 异硫氰酸丁酯  | Butyl Isothiocyanate  | 4082 | Content: ≥95%   |  |
| S0925 | <i>N</i> -葡萄糖酰基乙醇胺  | <i>N</i> -Gluconyl ethanolamine                                   | 4254 | Content: ≥99%   |  |

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| S0926 | N-乳酰基乙醇胺                    | N-Lactoyl ethanolamine                              | 4256 | Content: ≥90%  | Minor ingredients: 2-Aminoethanol lactate ester (≤8%) |
| S0927 | 1-庚烯-3-醇                    | 1-Hepten-3-ol                                       | 4129 | Content: ≥98%  |   |
| S0928 | 乙硫醇                         | Ethanethiol   | 4258 | Content: ≥99%  |   |
| S0930 | 乙酸 <i>l</i> -龙脑酯            | <i>l</i> -Bornyl acetate                            | 4080 | Content: ≥95%  |   |
| S0931 | 反式- $\alpha$ -突厥酮           | trans- $\alpha$ -Damascone                          | 4088 | Content: ≥95%  |   |
| S0932 | 二乙基二硫醚                      | Diethyl disulfide                                   | 4093 | Content: ≥99%  |   |
| S0933 | 2,5-二甲基-3(2H) 呋喃酮           | 2,5-Dimethyl-3(2H) furanone                         | 4101 | Content: ≥95%  |   |
| S0934 | 香叶酸                         | Geranic acid  | 4121 | Content: ≥95% (Sum of <i>trans</i> and <i>cis</i> isomers) |   |
| S0935 | 1-(3-羟基-5-甲基-2-噻吩) 乙酮       | 1-(3-Hydroxy-5-methyl-2-thienyl) ethanone           | 4142 | Content: ≥98%  |   |
| S0936 | 异黄葵内酯                       | Isoambrettolide                                     | 4145 | Content: ≥95%  | Minor ingredients: <i>cis</i> isomers                 |
| S0937 | 异丁酸异龙脑酯                     | Isobornyl isobutyrate                               | 4146 | Content: ≥95%  |   |
| S0938 | <i>N</i> -甲基邻氨基苯甲酸异丁酯       | Isobutyl <i>N</i> -methylantranilate                | 4149 | Content: ≥95%  |   |
| S0939 | 丁酸 3-(甲硫基)丙酯                | Methionyl butyrate (3-(methylthio) propyl butyrate) | 4160 | Content: ≥99%  |   |
| S0940 | ( <i>S</i> 1)-甲氧基-3-庚硫醇     | ( <i>S</i> 1) -Methoxy-3-heptanethiol               | 4162 | Content: ≥95%  |   |
| S0941 | 5- <i>Z</i> -辛烯酸甲酯          | Methyl 5- <i>Z</i> -octenoate                       | 4165 | Content: ≥95%  |   |
| S0942 | <i>N</i> -乙酰基邻氨基苯甲酸甲酯       | Methyl <i>N</i> -acetylantranilate                  | 4170 | Content: ≥95%  |   |
| S0943 | 3-甲基-2-(3-甲基-2-丁烯) 呋喃       | 3-Methyl-2-(3-methylbut-2-enyl) furan               | 4174 | Content: ≥98%  |   |
| S0944 | 乙酸植醇酯                       | Phytyl acetate                                      | 4197 | Content: ≥95% (Sum of <i>cis</i> and <i>trans</i> isomers) |   |
| S0945 | 3,7,11-三甲基十二碳-2,6,10-三烯醇乙酸酯 | 3,7,11-Trimethyldodeca-2,6,10-trienyl acetate       | 4213 | Content: ≥99% (Sum of <i>cis</i> and <i>trans</i> isomers) |   |

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| S0946 | 三乙胺  | Triethylamine  | 4246 | Content: ≥95%  |   |
| S0947 | 丙酸茴香酯  | Anisyl propionate  | 2102 | Content: ≥97%  |   |
| S0948 | 丁酸 3-丁酮-2-醇酯                                 | Butan-3-one-2-yl butanoate   | 3332 | Content: ≥96%  |   |
| S0949 | 异喹啉  | Isoquinoline   | 2978 | Content: ≥97%  |   |
| S0950 | 2-丙酰噻唑                                       | 2-Propionylthiazole  | 3611 | Content: ≥98%  |   |
| S0951 | 2(4)-异丙基-4(2),6-二甲基二氢(4 <i>H</i> )-1,3,5-二噻嗪 | 2(4)-Isopropyl-4(2),6-dimethyldihydro(4 <i>H</i> )-1,3,5- dithiazine | 3782 | Content: ≥ 71% (sum of 2-isopropyl-4,6-dimethyldihydro (4 <i>H</i> )-1,3,5-dithiazine and 4-isopropyl-2,6-dimethyldihydro (4 <i>H</i> )-1,3,5-dithiazine)                            | Minor ingredients: 2,4,6-trimethylbis-1,3,5-dithiazine; 6-Methyl-2,4-diisopropyl-1,3,5-dithiazine; 4-Methyl-2,6-diisopropyl-1,3,5-dithiazine; 2,4,6-Triisopropyl-dihydro-1,3,5-dithiazine |
| S0952 | 丁酸松油酯  | Terpinyl butyrate  | 3049 | Content: ≥95% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>14</sub> H <sub>24</sub> O <sub>2</sub> ) |   |
| S0953 | 3-正丁基苯酞                                      | 3- <i>n</i> -Butylphthalide  | 3334 | Content: ≥97%  |   |
| S0954 | 2,2-二甲基-5-(1-甲基-1-丙烯基) 四氢呋喃                  | 2,2-Dimethyl-5-(1-methylpropen-1-yl) tetrahydrofuran                 | 3665 | Content: ≥98%  |   |
| S0955 | (6 <i>R</i> )-3-甲基-6-(1-甲基乙基)-2-环己烯-1-酮      | 2-Cyclohexen-1-one,3-methyl-6-(1-methylethyl)-, (6 <i>R</i> )-       | 4200 | Content: ≥99%  |   |
| S0956 | 3-甲基-2-丁烯-1-醇                                | 3-Methyl-2-buten-1-ol  | 3647 | Content: ≥99%  |   |
| S0957 | 对-盖-1-烯-9-醇乙酸酯 (又名对-1-薄荷烯-9-醇乙酸酯)            | 1- <i>p</i> -Menthen-9-yl acetate                                    | 3566 | Content: ≥97%  |   |
| S0958 | 乙酸 2-辛烯醇酯                                    | 2-Octen-1-yl acetate   | 3516 | Content: ≥97%  |   |

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| S0959 | 1-(对-甲氧基苯基)-2-丙酮            | 1-( <i>p</i> -Methoxyphenyl)-2-propanone               | 2674 | Content: ≥97%  |                               |
| S0960 | 十八酸丁酯 (又名硬脂酸丁酯)             | Butyl octadecenoate (Butyl stearate)                   | 2214 | Content: ≥99% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>22</sub> H <sub>44</sub> O <sub>2</sub> ) |                               |
| S0961 | (+/-)-1-苯乙基硫醇               | (+/-)-1-Phenylethylmercaptan                           | 4061 | Content: ≥98%  |                               |
| S0962 | 4-异丙基-2-环己烯酮                | 4-Isopropyl-2-cyclohexenone                            | 3939 | Content: ≥97%  |                               |
| S0963 | 邻-甲氧基苯甲酸甲酯                  | Methyl <i>o</i> -methoxybenzoate                       | 2717 | Content: ≥97%  |                               |
| S0964 | 丙酮醛                         | Pyruvaldehyde  | 2969 | Content: ≥95%  |                               |
| S0965 | 甲基乙基三硫醚                     | Methyl ethyl trisulfide                                | 3861 | Content: ≥97%  |                               |
| S0966 | 2-甲基-2-(甲二硫基)-丙醛            | 2-Methyl-2-(methylthio) propanal                       | 3866 | Content: ≥95%  |                               |
| S0967 | 二(甲硫基)甲烷                    | Bis-(Methylthio) methane                               | 3878 | Content: ≥99%  |                               |
| S0968 | 2,3,5-三硫杂己烷                 | 2,3,5-Trithiahexane                                    | 4021 | Content: ≥95%  |                               |
| S0969 | 4-乙基辛酸                      | 4-Ethyl octanoic acid                                  | 3800 | Content: ≥99%  |                               |
| S0970 | 二氢诺卡酮                       | Dihydronootkatone                                      | 3776 | Content: ≥90%  | Minor ingredients:<br>Citrone |
| S0971 | 1-乙氧基-3-甲基-2-丁烯             | 1-Ethoxy-3-methyl-2-butene                             | 3777 | Content: ≥99%  |                               |
| S0972 | 2-乙烯基-2-甲基-5-(1-甲基乙烯基) 四氢呋喃 | 2-Ethenyl-2-methyl-5-(1-methylethenyl)-tetrahydrofuran | 3759 | Content: ≥97%  |                               |
| S0973 | 异戊酸糠酯                       | Furfuryl isovalerate                                   | 3283 | Content: ≥98% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>10</sub> H <sub>14</sub> O <sub>3</sub> ) |                               |
| S0974 | 异戊酸芳樟酯                      | Linalyl isovalerate                                    | 2646 | Content: ≥96%  |                               |
| S0975 | 3-甲基-2-丁醇                   | 3-Methyl-2-butanol                                     | 3703 | Content: ≥98%  |                               |
| S0976 | 3-甲基-1-戊醇                   | 3-Methyl-1-pentanol                                    | 3762 | Content: ≥98%  |                               |
| S0977 | 4-甲基-2-戊酮                   | 4-Methyl-2-pentanone                                   | 2731 | Content: ≥99%  |                               |

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| S0978 | 反式-3-顺式-6-壬二烯醇              | <i>trans</i> -3- <i>cis</i> -6-Nonadienol      | 3884 | Content: ≥92%  | Minor ingredients:<br>trans, trans-3,6-Nonadien-1-o |
| S0979 | 庚酸甲酯                        | Methyl heptanoate                              | 2705 | Content: ≥99%  |   |
| S0980 | 顺式-3-己烯醇丙酸酯                 | ( <i>Z</i> )-3-Hexenyl propionate              | 3933 | Content: ≥97%  |   |
| S0981 | 反式-2-癸烯酸乙酯                  | Ethyl <i>trans</i> -2-decenoate                | 3641 | Content: ≥95%  |   |
| S0982 | 2-乙基苯酚                      | 2-Ethyl phenol                                 | -    | Content: ≥95%  |   |
| S0984 | N-甲基吡咯-2-甲醛                 | N-Methyl pyrrol-2-carboxaldehyde               | 4332 | Content: ≥98%  |   |
| S0985 | 乙酸香兰素酯                      | Vanillin acetate                               | 3108 | Content: ≥97%  |   |
| S0986 | <i>l</i> -组氨酸               | <i>l</i> -Histidine                            | 3694 | Content: ≥98% (potentiometric titration, according to Chinese Pharmacopoeia) |   |
| S0989 | 4-甲硫基-2-丁酮                  | 4-Methylthio-2-butanone                        | 3375 | Content: ≥97%  |   |
| S0991 | 甲基 3-甲基-1-丁烯基二硫醚            | Methyl 3-methyl-1-butenyl disulfide            | 3865 | Content: ≥97%  |   |
| S0992 | 1-巯基-2-丙酮                   | 1-Mercapto-2-propanone                         | 3856 | Content: ≥98%  |   |
| S0993 | 乙酸正戊酯                       | Pentyl acetate                                 | -    | Content: ≥95%  |   |
| S0994 | 胡薄荷酮                        | Pulegone                                       | 2963 | Content: ≥95%  |   |
| S0995 | 1-苯基丙醇-1                    | 1-Phenylpropan-1-ol                            | 2884 | Content: ≥97%  |   |
| S0996 | 4-苯基 2-丁醇                   | 4-Phenyl-2-butanol                             | 2879 | Content: ≥97%  |   |
| S0997 | 庚醇-3                        | Heptan-3-ol                                    | 3547 | Content: ≥99%  |   |
| S0999 | 对-盖-1-烯-3-醇 (又名对-1-薄荷烯-3-醇) | <i>p</i> -Menth-1-en-3-ol                      | 3179 | Content: ≥97%  |   |
| S1000 | 4-桉醇 (又名 4-侧柏醇)             | 4-Thujanol                                     | 3239 | Content: ≥98%  |   |
| S1001 | 丙酮酸顺式-3-己烯酯 (又名丙酮酸叶醇酯)      | <i>cis</i> -3-Hexenyl pyrovate (Leaf pyrovate) | 3934 | Content: ≥98%  |   |
| S1002 | 联苯                          | Biphenyl                                       | 3129 | Content: ≥99%  |   |

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| S1003 | 顺式-4-羟基-6-十二烯酸内酯          | (Z)-4-Hydroxy-6-dodecenoic acid lactone                     | 3780 | Content: ≥95.5%                |  |
| S1004 | 甲基亚磺酰甲烷                   | Methylsulfinylmethane                                       | 3875 | Content: ≥99%                  |  |
| S1006 | 反式和顺式-4,8-二甲基-3,7-壬二烯-2-酮 | (E) and (Z)-4,8-Dimethyl-3,7-nonadien-2-one                 | 3969 | Content: ≥94%                  | Minor ingredients: 4,8-Dimethyl-3,7-Nonadien-2-ol        |
| S1007 | 异亚戊基异戊胺                   | Isopentylidene isopentylamine                               | 3990 | Content: ≥93%                  | Minor ingredients: Diisoamylamine, 3-methylbutyraldehyde |
| S1008 | 戊酸异戊酯                     | Isoamyl valerate  | -    | Content: ≥95%                  |  |
| S1009 | 丙酸反式-2-己烯酯                | trans-2-Hexenyl propionate<br>2-Hexen-1-ol, propanoate, (E) | 3932 | Content: ≥95%                  |  |
| S1010 | 硫化氢 (仅用于热反应香料)            | Hydrogen sulfide  | 3779 | Content: ≥95%                  |  |
| S1011 | 戊酸甲酯                      | Methyl valerate   | 2752 | Content: ≥98.05%               |  |
| S1012 | 丁酸异丙酯                     | Isopropyl butyrate  | 2935 | Content: ≥98%                  |  |
| S1013 | 烯丙基甲基二硫醚                  | Allyl methyl disulfide                                      | 3127 | Content: ≥90%                  | Minor ingredients: dimethyl disulfide, diallyl disulfide |
| S1014 | 3-壬酮                      | 3-Nonanone  | 3440 | Content: ≥95.9%                |  |
| S1015 | 二苄基二硫醚                    | Benzyl disulfide  | 3617 | Content: ≥98%                  |  |
| S1016 | 苯乙酸顺式-3-己烯酯 (又名苯乙酸叶醇酯)    | cis-3-Hexenyl phenylacetate (Leaf phenylacetate)            | 3633 | Content: ≥97% (cis isomer>90%) |  |
| S1017 | 乙酸 3-(乙酰巯基)己酯             | 3-Acetylmercaptohexyl acetate                               | 3816 | Content: ≥98%                  |  |
| S1018 | 己酸甲硫醇酯                    | S-Methyl hexanethioate (Methyl thiohexanoate)               | 3862 | Content: ≥95%                  |  |



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| S1019 | 反式-2-丁烯酸 (又名巴豆酸)                                      | (E)-2-Butenoic acid (Crotonic acid)  | 3908 | Content: ≥98%  |   |
| S1020 | 戊酸顺式-3-己烯酯 (又名戊酸叶醇酯)                                  | (Z)-3-Hexenyl valerate (Leaf valerate)   | 3936 | Content: ≥97%  |   |
| S1021 | 己酸苄酯  | Benzyl hexanoate   | 4026 | Content: ≥95%  |   |
| S1022 | 烯丙基丙基二硫醚  | Allyl propyl disulfide   | 4073 | Content: ≥93%  | Minor ingredients: Allyl propyl sulfide (≤ 2%), dipropyl sulfide (≤ 2%) |
| S1023 | 2,8-表硫-顺式-对-盖烷 (又名 4,7,7-三甲基-6-硫杂双环 [3.2.1] 辛烷、硫代桉叶素) | (+/-)-2,8-Epithio-cis-p-menthane (4,7,7-Trimethyl-6-thiabicyclo [3.2.1]octane)(Thiocineole)(+/-)-2,8-Epithio-cis-p-menthane (4,7,7-Trimethyl-6-thiabicyclo[3.2.1]octane) | 4108 | Content: ≥93%  | Minor ingredients: Limonene   |
| S1024 | 癸酸甲酯  | Methyl decanoate   | -    | Content: ≥98%  |   |
| S1025 | 甲酸异丁酯   | Isobutyl formate   | 2197 | Content: ≥94%  | Minor ingredients: isobutanol   |
| S1026 | 4-庚酮  | 4-Heptanone  | 2546 | Content: ≥99%  |   |
| S1027 | 戊酸丁酯  | Butyl valerate   | 2217 | Content: ≥99%  |   |
| S1028 | 丁酸环己酯   | Cyclohexyl butyrate  | 2351 | Content: ≥98%  |   |
| S1029 | 山梨酸乙酯(又名 2,4-己二烯酸乙酯)                                  | Ethyl sorbate (Ethyl 2,4-hexadienecate)  | 2459 | Content: ≥98%  |   |
| S1030 | 单油酸甘油酯  | Glyceryl monooleate  | 2526 | Content: ≥ 65% (Content of Glyceryl Monooleate, Glyceryl dioleate, triglycerides is not less than 95%) |   |
| S1031 | 5-羟基-4-辛酮   | 5-Hydroxy-4-octanone   | 2587 | Content: ≥95%  |   |
| S1032 | 壬酸甲酯  | Methyl nonanoate   | 2724 | Content: ≥96%  |   |
| S1033 | 丙酸橙花酯   | Neryl propionate   | 2777 | Content: ≥95%  |   |
| S1034 | 肉桂酸丙酯   | Propyl cinnamate   | 2938 | Content: ≥98% (On ester) (the  |   |

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|-------|--------------------|--|------|--|--|
|       |                    |  |      | test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>12</sub> H <sub>14</sub> O <sub>2</sub> )                               |  |
| S1035 | 丁酸玫瑰酯              | Rhodinyl butyrate                      | 2982 | Content: ≥85%  | Minor ingredients: rhodinol                |
| S1036 | 异丁酸玫瑰酯             | Rhodinyl isobutyrate                   | 2983 | Content: ≥95% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>14</sub> H <sub>26</sub> O <sub>2</sub> ) |  |
| S1037 | 丙酸松油酯              | Terpinyl propionate                    | 3053 | Content: ≥95%  |  |
| S1038 | 丙酸糠酯               | Furfuryl propionate                    | 3346 | Content: ≥98%  |  |
| S1039 | 戊酸糠酯               | Furfuryl pentanoate                    | 3397 | Content: ≥98% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>10</sub> H <sub>14</sub> O <sub>3</sub> ) |  |
| S1040 | 异茉莉酮               | Isojasmone                             | 3552 | Content: ≥95%  |  |
| S1041 | 苄基甲基硫醚             | Benzyl methyl sulfide                  | 3597 | Content: ≥98%  |  |
| S1042 | 3-甲基-2-丁烯醛         | 3-Methyl-2-butenal                     | 3646 | Content: ≥97%  |  |
| S1043 | 2,4-癸二烯酸丙酯         | Propyl 2,4-decadienoate                | 3648 | Content: ≥95% (Sum of isomers)   |  |
| S1044 | 反式-2-己烯酸己酯         | Hexyl trans-2-hexenoate                | 3692 | Content: ≥92%  | Minor ingredients: trans-3-Hexyl Hexenoate |
| S1045 | 4-烯丙基-2,6-二甲氧基苯酚   | 4-Allyl-2,6-dimethoxyphenol            | 3655 | Content: ≥98%  |  |
| S1046 | 2-羟基-4-甲基戊酸甲酯      | Methyl 2-hydroxy-4-methylpentanoate    | 3706 | Content: ≥99%  |  |
| S1047 | 反式-2-辛烯酸甲酯         | Methyl trans-2-octenoate               | 3712 | Content: ≥90%  | Minor ingredients: trans-3-Methyl octenate |
| S1048 | 2,2,6-三甲基-6-乙基四氢吡喃 | 2,2,6-Trimethyl-6-vinyltetrahydropyran | 3735 | Content: ≥99%  |  |

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| S1049 | 香紫苏内酯                         | Sclareolide (Decahydro-3a,6,6,9a-tetramethylnaphtho(2,1b) furan-2(1H)-one)    | 3794 | Content: ≥98% |  |
| S1050 | 苯甲酸甲硫醇酯                       | S-Methyl benzothioate   | 3857 | Content: ≥95% |  |
| S1051 | 反式-2-己烯酸顺式-3-己烯酯              | (Z)-3-Hexenyl(E)-2-hexenoate  | 3928 | Content: ≥86% | Minor ingredients: 3-Hexenyl, 3-Hexenoate, Hexenyl hexanoate |
| S1052 | 2-巯基苯甲醚                       | 2-Mercaptoanisole   | 4159 | Content: ≥95% |  |
| S1053 | 香兰素苏和赤-2,3-丁二醇缩醛              | Vanillin erythro and threo-butan-2,3-diol acetal                              | 4023 | Content: ≥95% |  |
| S1054 | 反式 6-甲基-3-庚烯-2-酮              | (E)-6-Methyl-3-hepten-2-one   | 4001 | Content: ≥96% |  |
| S1055 | (±)3-巯基丁酸乙酯                   | (±)-Ethyl-3-mercaptoputyrate  | 3977 | Content: ≥97% |  |
| S1056 | 3-巯基-2-甲基戊醇                   | 3-Mercapto-2-methylpentan-1-ol  | 3996 | Content: ≥99% |  |
| S1057 | 乙醛二异戊醇缩醛                      | Acetaldehyde diisoamyl acetal   | 4024 | Content: ≥95% |  |
| S1058 | (+/-)-2-苯基-4-甲基-2-己烯醛         | (+/-)-2-Phenyl-4-methyl-2-hexenal   | 4194 | Content: ≥95% |  |
| S1059 | 2-庚硫醇                         | 2-Heptanethiol  | 4128 | Content: ≥98% |  |
| S1060 | 2-(2-羟基-4-甲基-3-环己烯基)-丙酸 γ-内酯  | 2-(2-Hydroxy-4-methyl-3-cyclohexenyl)-propionic acid γ-lactone (Wine Lactone) | 4140 | Content: ≥95% |  |
| S1061 | L-盖基甲基醚 (又名 2-异丙基-5-甲基环己基甲基醚) | L-Menthyl methyl ether (2-Isopropyl-5-methylcyclohexyl methyl ether)          | 4054 | Content: ≥99% |  |
| S1062 | 己酸异丙酯                         | Isopropyl hexanoate   | 2950 | Content: ≥99% |  |
| S1063 | 2,4-己二烯-1-醇                   | 2,4-Hexadien-1-ol   | 3922 | Content: ≥98% |  |
| S1064 | 十六烷酸甲酯                        | Methyl hexadecanoate  | -    | Content: ≥99% |  |
| S1065 | 5-甲基-2-噻吩甲醛                   | 5-Methyl-2-thiophenecarboxaldehyde  | 3209 | Content: ≥95% |  |

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| S1066 | 4-甲基-2,6-二甲氧基苯酚  | 4-Methyl-2,6-dimethoxyphenol  | 3704 | Content: ≥97%  |   |
| S1067 | 对-甲氧基肉桂醛   | <i>p</i> -Methoxycinnamaldehyde   | 3567 | Content: ≥96%  |   |
| S1068 | 2,4,5-三甲基噁唑  | 2,4,5-Trimethyloxazole  | 4394 | Content: ≥95%  |   |
| S1069 | 苯甲醛二乙缩醛  | Benzaldehyde diethyl acetal   | -    | Content: ≥95%  |   |
| S1070 | <i>d</i> -新薄荷醇   | <i>d</i> -Neo-Menthol   | 2666 | Content: ≥99%  |   |
| S1071 | 2-壬烯酸 $\gamma$ -内酯   | 2-Nonenoic acid gamma-lactone   | 4188 | Content: ≥97%  |   |
| S1072 | 反式-4-癸烯酸乙酯   | Ethyl <i>trans</i> -4-decenoate   | 3642 | Content: ≥95%  |   |
| S1073 | 晚香玉内酯 {又名二氢-5-[( <i>Z,Z</i> )-2,5-辛二烯]-2( <i>3H</i> )-呋喃酮} | Tuberose Lactone (Dihydro-5-[( <i>Z,Z</i> )-octa-2,5-dienyl]-2( <i>3H</i> )-furanone) | 4067 | Content: ≥45%  | Minor ingredients: 7-Dodecyl lactone, dihydro-5- (2 ( <i>Z</i> )-octen-2 ( <i>3H</i> )-furanone |
| S1074 | 4-甲基-2-戊基-1,3-二氧戊环 (又名己醛 1,2-丙二醇缩醛)                        | 4-Methyl-2-pentyl-1,3-dioxolane (Hexanal propylene glycol acetal)                     | 3630 | Content: ≥97% (Sum of isomers)                             |   |
| S1075 | 乙酸 3-巯基庚酯  | 3-Mercaptoheptyl acetate  | 4289 | Content: ≥99%  |   |
| S1077 | 植醇(又名叶绿醇、叶黄烯醇、3,7,11,15-四甲基-2-十六烯-1-醇)                     | phytol (3,7,11,15-Tetramethyl-2-hexadecen-1-ol)                                       | 4196 | Content: ≥95% (Sum of <i>cis</i> and <i>trans</i> isomers) |   |
| S1078 | 异戊醛二乙缩醛  | Isovaleraldehyde diethyl acetal   | 4371 | Content: ≥95%  |   |
| S1079 | 异硫氰酸 3-丁烯酯   | 3-Butenyl isothiocyanate  | 4418 | Content: ≥97%  |   |
| S1080 | 异硫氰酸 4-戊烯酯   | 4-Pentenyl isothiocyanate   | 4427 | Content: ≥95%  |   |
| S1081 | 异硫氰酸 5-己烯酯   | 5-Hexenyl isothiocyanate  | 4421 | Content: ≥96%  |   |
| S1082 | 顺式-9-十八烯醇乙酸酯 (又名乙酸油醇酯)                                     | <i>cis</i> -9-Octadecenyl acetate (Oleyl acetate)                                     | 4359 | Content: ≥92%  | Minor ingredients: cetyl acetate, Octadecyl acetate   |

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| S1083 | 糠基甲基醚  | Furfuryl methyl ether   | 3159 | Content: ≥99%   |  |
| S1084 | 3-己酮   | 3-Hexanone  | 3290 | Content: ≥97.1% |  |
| S1085 | 异硫氰酸 2-丁酯                                      | 2-Butyl isothiocyanate  | 4419 | Content: ≥97%   |  |
| S1086 | 异硫氰酸异丁酯  | Isobutyl isothiocyanate   | 4424 | Content: ≥97%   |  |
| S1087 | 异硫氰酸 6-(甲硫基) 己酯                                | 6-(Methylthio) hexylisothiocyanate  | 4415 | Content: ≥95%   |  |
| S1088 | 异硫氰酸 5-(甲硫基) 戊酯                                | 5-(Methylthio) pentyl isothiocyanate  | 4416 | Content: ≥96%   |  |
| S1089 | 异硫氰酸戊酯   | Amyl isothiocyanate   | 4417 | Content: ≥97%   |  |
| S1090 | 异硫氰酸异丙酯  | Isopropyl isothiocyanate  | 4425 | Content: ≥95%   |  |
| S1091 | 异硫氰酸异戊酯  | Isoamyl isothiocyanate  | 4423 | Content: ≥98%   |  |
| S1092 | 2,5-二甲基呋喃                                      | 2,5-Dimethylfuran   | 4106 | Content: ≥95%   |  |
| S1093 | 环紫罗兰酮  | Cycloionone   | 3822 | Content: ≥96.7% |  |
| S1094 | 2-异丁基-4-甲基-1,3-二氧戊环<br>(又名异戊醛 1,2-丙二醇缩醛)       | 2-Isobutyl-4-methyl-1,3-dioxolane (Isovaleraldehyde propylene glycol acetal)                | 4286 | Content: ≥95%   |  |
| S1095 | 顺式和反式-2-异丙基-4-甲基-1,3-二氧戊环<br>(又名异丁醛 1,2-丙二醇缩醛) | Cis-and trans-2-Isopropyl-4-methyl-1,3-dioxolane (Isobutyraldehyde propylene glycol acetal) | 4287 | Content: ≥96%   |  |
| S1096 | 4-氨基丁酸 (又名 γ-氨基丁酸)                             | 4-Aminobutyric acid (Gamma-Aminobutyric acid)   | 4288 | Content: ≥99%   |  |
| S1097 | N-[2-(3,4-二甲氧基苯基) 乙基]-3,4-二甲氧基肉桂酸酰胺            | N- [2-(3,4-Dimethoxyphenyl) ethyl]-3,4-dimethoxycinnamic acid amide                         | 4310 | Content: ≥99%   |  |

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| S1098 | 二-(1-丙烯基)硫醚 (异构体混合物)                        | Di-(1-propenyl)- sulfide (mixture of isomers)   | 4386 | Content: ≥95% (mixture of isomers)               |  |
| S1099 | 乙酸 2-戊酯                                     | 2-Pentyl acetate  | 4012 | Content: ≥98%                                    |  |
| S1100 | 乙胺  | Ethylamine  | 4236 | Content: ≥95%                                    |  |
| S1101 | 2,8-二硫杂-4-壬烯-4-甲醛 [5-(甲硫基)-2-(甲硫基甲基)-2-戊烯醛] | 2,8-Dithianon-4-en-4-carboxaldehyde5-(Methylthio)-2-(methylthiomethyl)-2-pentenal) (Methialdol) | 3483 | Content: ≥98%                                    |  |
| S1102 | 1-丁烯-1-基甲基硫醚                                | 1-Buten-1-yl methyl sulfide   | 3820 | Content: ≥98%                                    |  |
| S1103 | 二异丙基二硫醚                                     | Diisopropyl disulfide   | 3827 | Content: ≥96%                                    |  |
| S1104 | (E)-2-癸烯酸                                   | (E)-2-Decenoic acid   | 3913 | Content: ≥97%                                    |  |
| S1105 | L-苧烯  | L-Limonene  | -    | Content: ≥95% (C <sub>10</sub> H <sub>16</sub> ) |  |
| S1106 | 正己硫醇  | 1-Hexanethiol   | 3842 | Content: ≥95%                                    |  |
| S1107 | 2-癸酮  | 2-Decanone  | 4271 | Content: ≥96%                                    |  |
| S1108 | 二糠基醚  | Difurfuryl ether  | 3337 | Content: ≥97%                                    |  |
| S1109 | 异丁酸乙基香兰素酯                                   | Ethyl vanillin isobutyrate  | 3837 | Content: ≥98%                                    |  |
| S1110 | 8-罗勒烯醇乙酸酯 (又名 2,6-二甲基-2,5,7-辛三烯-1-醇乙酸酯)     | 8-Ocimenyl acetate (2,6-dimethyl-2,5,7-octatriene-1-yl acetate)                                 | 3886 | Content: ≥96% (Sum of isomers)                   |  |
| S1111 | 丁胺  | Butylamine  | 3130 | Content: ≥99%                                    |  |
| S1112 | 1-氨基-2-丙醇                                   | 1-Amino-2-propanol  | 3965 | Content: ≥95%                                    |  |
| S1113 | 反式-1,5-辛二烯-3-酮                              | (E)-1,5-Octadien-3-one  | 4405 | Content: ≥97%                                    |  |
| S1114 | 2,5-二甲基-4-乙氧基-3(2H)呋喃酮                      | 2,5-dimethyl-4-ethoxy-3(2H)furanone   | 4104 | Content: ≥95%                                    |  |

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| S1115 | 反式-2-顺式-4-顺式-7-十三碳三烯醛                            | 2-trans-4-cis-7-cis-Tridecatrienal  | 3638 | Content: ≥71%  | Minor ingredients: 4-cis-7-cis-Tridecadienol, 3-cis-7-cis-Tridecadienol, 2-trans-7-ol-Tridecadienal, 2-trans-4-trans-7-cis-Tridecatrienal, |
| S1116 | 反式-2-顺式-4-癸二烯酸甲酯                                 | Methyl ( <i>E</i> )-2-( <i>Z</i> )-4-decadienoate                             | 3859 | Content: ≥93%  | Minor ingredients: Methyl, trans, trans -2,4-decadienoate  |
| S1117 | 2-(4-甲基-2-羟基苯基)-丙酸-γ-内酯                          | 2-(4-Methyl-2-hydroxyphenyl) propionic acid-γ-lactone                         | 3863 | Content: ≥98%  |  |
| S1118 | 丙酸顺式-5-辛烯酯                                       | ( <i>Z</i> )-5-Octenyl propionate   | 3890 | Content: ≥93%  | Minor ingredients: trans-5-octenyl propionate, cis-5-octenol   |
| S1119 | 3-甲基-2-丁烯硫醇乙酸酯                                   | 3-Methyl-2-butenyl thioacetate (Prenyl thioacetate)                           | 3895 | Content: ≥99%  |  |
| S1120 | 1-吡咯啉  | 1-Pyrroline   | 3898 | Content: ≥99%  |  |
| S1121 | 2,3,4-三甲基-3-戊醇                                   | 2,3,4-Trimethyl-3-pentanol  | 3903 | Content: ≥97%  |  |
| S1122 | 二异丙基三硫醚  | Diisopropyl trisulfide  | 3968 | Content: ≥95%  |  |
| S1123 | 2-丙酰基-1-吡咯啉                                      | 2-Propionyl-1-pyrroline   | 4063 | Content: ≥95%  |  |
| S1124 | 3,6-二乙基-1,2,4,5-四硫杂环己烷与 3,5-二乙基-1,2,4-三硫杂环戊烷的混合物 | Mixture of 3,6-Diethyl-1,2,4,5-tetra thiane and 3,5-diethyl-1,2,4-trithiolane | 4094 | Content: ≥95%  |  |
| S1125 | 2,5-二羟基-1,4-二噻烷(又名巯基乙醛二聚体)                       | 2,5-Dihydroxy-1,4-dithiane (Mercaptoacetaldehyde)                             | 3826 | Content: ≥97%  |  |
| S1126 | 3-己烯醛(反式/顺式混合物)                                  | 3-Hexenal ( <i>trans/cis</i> mix)   | 3923 | Content: ≥80% (Sum of <i>cis</i> and <i>trans</i> isomers) | Minor ingredients: trans-2-hexenal   |
| S1127 | 4-羟基-3,5-二甲氧基苯甲醛                                 | 4-Hydroxy-3,5-dimethoxybenzaldehyde   | 4049 | Content: ≥98%  |  |

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|-------|--------------------------------------|---|------|--|---|
| S1128 | 2-十一烯-1-醇                            | 2-Undecen-1-ol  | 4068 | Content: ≥95%  |   |
| S1129 | 2-(4-羟基苯基)-乙胺 (又名酪胺)                 | 2-(4-hydroxyphenyl) ethylamine (Tyramine)                           | 4215 | Content: ≥95%  |   |
| S1130 | 4 [(2-呋喃甲基) 硫基]-2-戊酮 (又名 4-糠硫基-2-戊酮) | 4-[(2-Furanmethyl) thio] -2-pentanone (4-Furfurylthio -2-pentanone) | 3840 | Content: ≥97%  |   |
| S1131 | 己酸甲硫基甲酯                              | Methylthiomethyl hexanoate  | 3880 | Content: ≥97%  |   |
| S1132 | 2,6-二甲基-4-庚酮                         | 2,6-Dimethyl-4-heptanone (Diisobutyl ketone)                        | 3537 | Content: ≥80%  | Minor ingredients: 4,6-dimethyl-2-heptanone                   |
| S1134 | 反式-3-己烯醇                             | <i>trans</i> -3-Hexenol   | 4356 | Content: ≥98%  |   |
| S1135 | 甲酸松油酯                                | Terpinyl formate  | 3052 | Content: ≥95% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>11</sub> H <sub>18</sub> O <sub>2</sub> ) |   |
| S1136 | 脱氢圆柚酮                                | Dehydronootkatone   | 4091 | Content: ≥95%  |   |
| S1137 | 己酸香叶酯                                | Geranyl hexanoate   | 2515 | Content: ≥95% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>16</sub> H <sub>28</sub> O <sub>2</sub> ) |   |
| S1138 | 3-甲基己醛                               | 3-Methyl hexanal  | 4261 | Content: ≥95%  |   |
| S1139 | (反式, 反式)-2,4-壬二烯                     | (E, E)-2,4-Nonadiene  | 4292 | Content: ≥79%  | Minor ingredients: 1,3-Nonadiene, other isomers of nonadienes |
| S1140 | 1-辛烯                                 | 1-Octene  | 4293 | Content: ≥97%  |   |
| S1141 | 2-甲基苯乙酮                              | 2-Methyl acetophenone   | 4316 | Content: ≥95%  |   |
| S1142 | 1-乙基-2-甲酰基吡咯 (又名茶吡咯)                 | 1-Ethyl-2-formylpyrrole (Tea pyrrole)                               | 4317 | Content: ≥99%  |   |



|       |                               |   |      |   |                              |
|-------|-------------------------------|---|------|---|------------------------------|
| S1143 | 2-(4-甲基-5-噻唑基)乙醇辛酸酯           | 2-(4-Methyl-5-thiazolyl) ethyl octanoate  | 4280 | Content: ≥98%   |                              |
| S1144 | 2-乙基-6-甲基吡嗪                   | 2-Ethyl-6-methylpyrazine                  | 3919 | Content: ≥95% (Sum of 2-Ethyl-5-methylpyrazine and 2-Ethyl-6-methylpyrazine)          |                              |
| S1145 | 对-丙基苯酚                        | <i>p</i> -Propylphenol                    | 3649 | Content: ≥98%   |                              |
| S1146 | 3,5-二乙基-2-甲基吡嗪                | 3,5-Diethyl-2-methylpyrazine              | 3916 | Content: ≥97%   |                              |
| S1147 | 马鞭草烯酮                         | Verbenone                                 | 4216 | Content: ≥95%   |                              |
| S1148 | 4-戊烯醛                         | 4-Pentenal                                | 4262 | Content: ≥97%   |                              |
| S1149 | 乙酰乙酸乙酯丙二醇缩酮                   | Ethyl acetoacetate propylene glycol ketal | 4294 | Content: ≥95%   |                              |
| S1150 | 山梨酸甲酯                         | Methyl sorbate                            | 3714 | Content: ≥99%   |                              |
| S1151 | 2,5-二乙基四氢呋喃                   | 2,5-Diethyl tetrahydrofuran               | 3743 | Content: ≥97%   |                              |
| S1152 | 脱氢薄荷呋喃内酯                      | Dehydromenthofuro lactone                 | 3755 | Content: ≥95%   |                              |
| S1153 | 乙酸桃金娘烯酯                       | Myrtenyl acetate                          | 3765 | Content: ≥98%   |                              |
| S1154 | 2-(4-甲基-5-噻唑基)乙醇己酸酯           | 2-(4-Methyl-5-thiazolyl) ethyl hexanoate  | 4279 | Content: ≥98%   |                              |
| S1155 | 2-(4-甲基-5-噻唑基)乙醇丁酸酯           | 2-(4-Methyl-5-thiazolyl) ethyl butyrate   | 4277 | Content: ≥98%   |                              |
| S1156 | 吡咯                            | Pyrrole                                   | 3386 | Content: ≥98%   |                              |
| S1157 | <i>S</i> -烯丙基- <i>L</i> -半胱氨酸 | <i>S</i> -Allyl- <i>L</i> -cysteine       | 4322 | Content: ≥95% (Refer to relevant test methods in Chinese Pharmacopoeia or GB/T 27579) |                              |
| S1159 | 硫代香叶醇                         | Thiogeraniol                              | 3472 | Content: ≥95%   | Minor ingredients: Terpeneol |
| S1160 | 蒎烷硫醇                          | Pinanyl mercaptan                         | 3503 | Content: ≥95% (Sum of 10-Mercapto pinane, 2-Mercapto pinane and 3-mercapto pinane)    |                              |

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| S1161 | $\alpha$ -甲基- $\beta$ -羟基丙基 $\alpha$ -甲基- $\beta$ -硫丙基硫醚 | $\alpha$ -Methyl- $\beta$ -hydroxypropyl<br>$\alpha$ -methyl- $\beta$ -mercaptopropyl<br>sulfide | 3509 | Content: $\geq 99\%$  |   |
| S1163 | 柠檬醛二乙缩醛  | Citral diethyl acetal  | 2304 | Content: $\geq 92\%$ (Sum of <i>cis</i> and <i>trans</i> isomers)                               |   |
| S1164 | 3-丙烯基-6-乙氧基苯酚 (又名<br>丙烯基乙基愈创木酚)                          | 3-Propenyl-6-ethoxyphenol<br>(Propenylguaeth ol)   | 2922 | Content: $\geq 97\%$  |   |
| S1165 | $\beta$ -甲基紫罗兰酮  | Methyl- $\beta$ -ionone  | 2712 | Content: $\geq 88\%$  | Minor ingredients: isomethyl- $\alpha$ -ionone and isomethyl- $\beta$ -ionone   |
| S1166 | $\delta$ -甲基紫罗兰酮   | Methyl- $\delta$ -ionone   | 2713 | Content: $\geq 95\%$ (Sum of four isomers)  |   |
| S1167 | 2,6-壬二烯醛二乙缩醛   | 2,6-Nonadienal diethyl acetal  | 3378 | Content: $\geq 90\%$ (Specified compounds, isomers and 2-Nonenal diacetal is not less than 98%) |   |
| S1168 | 9-十一烯醛   | 9-Undecenal  | 3094 | Content: $\geq 96\%$  |   |
| S1169 | 10-十一烯醛  | 10-Undecenal   | 3095 | Content: $\geq 90\%$ (Total decenal is not less than 97%)                                       |   |
| S1172 | 兔耳草醛 (又名仙客来醛)  | Cyclamen aldehyde  | 2743 | Content: $\geq 90\%$  | Minor ingredients: 2-methyl-3-( <i>p</i> -isopropylphenyl) propionic acid, 3-methyl-3-( <i>p</i> -isopropylphenyl) propionic aldehyde |
| S1174 | $\beta$ -环高柠檬醛   | $\beta$ -Homocyclocitral   | 3474 | Content: $\geq 92\%$  | Minor ingredients: methyl $\beta$ -cyclopergeranate, $\beta$ -cyclocitral, $\beta$ -ionone, ethyl $\beta$ -cyclopergeranate           |
| S1175 | <i>l</i> -薄荷酮甘油缩酮  | <i>l</i> -Menthone 1,2-glycerol<br>Ketal   | 3807 | Content: $\geq 98\%$  | Minor ingredients: 1-Menthone 1,2-glycerol Ketal  |

|       |                 |                                     |      |               |  |
|-------|-----------------|-------------------------------------|------|---------------|--|
| S1176 | 4-甲硫基-4-甲基-2-戊酮 | 4-(Methylthio)-4-methyl-2-pentanone | 3376 | Content: ≥99% |  |
|-------|-----------------|-------------------------------------|------|---------------|--|

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|-------|-----------------|---------------------------------------|------|--|-----------------------------|
| S1177 | 3-巯基-2-戊酮       | 3-Mercapto-2-pentanone                | 3300 | Content: ≥98%  |                             |
| S1179 | α-甲基紫罗兰酮        | Methyl-a-ionone                       | 2711 | Content: ≥90% (The sum of isomers of methyl ionone shall not be less than 95%) |                             |
| S1180 | α-异甲基紫罗兰酮       | α-iso-Methylionone                    | 2714 | Content: ≥85% (the sum of isomers shall not be less than 95%)                  |                             |
| S1181 | 烯丙基 α-紫罗兰酮      | Allyl α-ionone                        | 2033 | Content: ≥88% (the sum of isomers shall not be less than 95%)                  |                             |
| S1182 | 6-甲基香豆素         | 6-Methylcoumarin                      | 2699 | Content: ≥99%  |                             |
| S1183 | 2-巯基丙酸          | 2-Mercaptopropionic acid              | 3180 | Content: ≥95%  |                             |
| S1185 | 乙酸二甲基苄基原酯       | Benzyl dimethyl carbinyl acetate      | 2392 | Content: ≥98%  |                             |
| S1186 | 环己基乙酸烯丙酯        | Allyl cyclohexaneacetate              | 2023 | Content: ≥96%  |                             |
| S1187 | 乙酸玫瑰酯           | Rhodinyl acetate                      | 2981 | Content: ≥87% (Total ester)  | Minor ingredients: rhodinol |
| S1188 | 3-(2-呋喃基) 丙酸乙酯  | Ethyl 3-(2-furyl) propanoate          | 2435 | Content: ≥95%  |                             |
| S1189 | 丙酸烯丙酯           | Allyl propionate                      | 2040 | Content: ≥99%  |                             |
| S1191 | 3-(2-呋喃基) 丙酸异丁酯 | Isobutyl 3-(2-furan) propionate       | 2198 | Content: ≥96%  |                             |
| S1192 | 硫代丙酸糠酯          | Furfuryl thiopropionate               | 3347 | Content: ≥97%  |                             |
| S1193 | 丁酸二甲基苄基原酯       | Dimethyl benzyl carbinyl butyrate     | 2394 | Content: ≥95%  |                             |
| S1194 | 环己基丁酸烯丙酯        | Allyl cyclohexanebutyrate             | 2024 | Content: ≥98%  |                             |
| S1195 | 1,3-壬二醇乙酸酯(混合酯) | 1,3-Nonanediol acetate (mixed esters) | 2783 | Content: ≥95% (Sum of 1,3-Nonanediol acetate and 1,3-Nonanediol diacetate)     |                             |
| S1196 | 丁酸苏合香酯          | Styralyl butyrate                     | 2686 | Content: ≥98%  |                             |
| S1197 | 乙酸柏木酯           | Cedryl acetate                        | -    | Content: ≥95%  |                             |

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| S1198 | 异丁酸麦芽酚酯      | Maltol isobutyrate          | 3462 | Content: $\geq 96\%$ |  |
| S1199 | 2-甲基-4-戊烯酸乙酯 | Ethyl 2-methyl-4-pentenoate | 3489 | Content: $\geq 98\%$ |  |
| S1200 | 乙酸四氢糠酯       | Tetrahydrofurfuryl acetate  | 3055 | Content: $\geq 97\%$ |  |

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| S1201 | 庚炔羧酸甲酯                            | Methyl heptine carbonate  | 2729 | Content: ≥95%                                  |  |
| S1202 | 辛炔羧酸甲酯                            | Methyl octyne carbonate   | 2726 | Content: ≥97%                                  |  |
| S1203 | 癸二酸二乙酯                            | Diethyl sebacate  | 2376 | Content: ≥98%                                  |  |
| S1204 | 10-十一烯酸乙酯                         | Ethyl 10-undecenoate  | 2461 | Content: ≥98%                                  |  |
| S1205 | 苯乙酸烯丙酯                            | Allyl phenylacetate   | 2039 | Content: ≥99%                                  |  |
| S1206 | 三乙酸甘油酯                            | Triacetin   | 2007 | Content: ≥98.5%                                |  |
| S1207 | 苯乙酸香叶酯                            | Geranyl phenylacetate   | 2516 | Content: ≥97%                                  |  |
| S1208 | 苯乙酸对-甲酚酯                          | <i>p</i> -Cresyl phenylacetate                                  | 3077 | Content: ≥97%                                  |  |
| S1209 | 4-苯基丁酸甲酯 (又名苯丁酸甲酯)                | Methyl 4-phenylbutyrate   | 2739 | Content: ≥97%                                  |  |
| S1210 | 4-苯基丁酸乙酯 (又名苯丁酸乙酯)                | Ethyl 4-phenylbutyrate  | 2453 | Content: ≥97%                                  |  |
| S1211 | 肉桂酸烯丙酯                            | Allyl cinnamate   | 2022 | Content: ≥97%                                  |  |
| S1212 | 2-甲基-3-戊烯酸乙酯                      | Ethyl 2-methyl-3-pentenoate                                     | 3456 | Content: ≥98%                                  |  |
| S1213 | 亚硝酸乙酯                             | Ethyl nitrite   | 2446 | Content: ≥99%                                  |  |
| S1214 | 庚酸戊酯                              | Amyl heptanoate   | 2073 | Content: ≥93%                                  | Minor ingredients: Amyl, 2-Methyl hexanoate                        |
| S1215 | 3-乙酰基-2,5-二甲基呋喃                   | 3-Acetyl-2,5-dimethylfuran                                      | 3391 | Content: ≥99%                                  |  |
| S1216 | 2,5-二甲基-3-氧代(2 <i>H</i> )-4-呋喃丁酸酯 | 2,5-Dimethyl-3-Oxo-(2 <i>H</i> )-fur- 4-yl butyrate             | 3970 | Content: ≥93%                                  | Minor ingredients: 4-hydroxy-2,5-dimethylfuran-3-one, butyric acid |
| S1217 | 2-甲氧基-3 (5 或 6)-异丙基吡嗪             | 2-Methoxy-3 (5 or 6)-isopropylpyranzine                         | 3358 | Content: ≥97% (Sum of isomers)                 |  |
| S1218 | 2-甲基-3 (5 或 6)-糠硫基吡嗪              | 2-Methyl-3,5-or 6-(furfurylthio)- pyrazine (mixture of isomers) | 3189 | Content: ≥99% (Sum of three isomers)           |  |
| S1219 | 2-甲基 (或乙基)-3 (5 或 6)-甲氧基吡嗪        | 2-Methyl (or ethyl)- (3,5 or 6)-methoxy pyrazine                | 3280 | Content: ≥99% (Sum of six specified compounds) |  |

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| S1220 | 2,5-二甲基-2,5-二羟基-1,4-二硫代环己烷   | 2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane                                 | 3450 | Content: $\geq 95\%$  |  |
| S1221 | 5,7-二氢-2-甲基噻吩并-(3,4-d) 嘧啶    | 5,7-Dihydro-2- methylthieno (3,4-d)- pyrimidine                         | 3338 | Content: $\geq 98\%$  |  |
| S1222 | 2-乙氧基噻唑                      | 2-Ethoxythiazole  | 3340 | Content: $\geq 99\%$  |  |
| S1223 | 2,4-二甲基-5-乙酰基噻唑              | 2,4-Dimethyl-5-acetylthiazole   | 3267 | Content: $\geq 97\%$  |  |
| S1224 | 乙酸异丁香酯                       | Isoeugenyl acetate  | 2470 | Content: $\geq 98\%$  |  |
| S1225 | 3-甲基丁酸对-甲酚酯 (又名异戊酸对甲酚酯)      | <i>p</i> -Methylphenyl 3-methylbutyrate ( <i>p</i> -Cresyl isovalerate) | 3387 | Content: $\geq 98\%$  |  |
| S1226 | <i>l</i> -薄荷醇乙二醇碳酸酯          | <i>l</i> -Menthol ethylene glycolcarbonate                              | 3805 | Content: $\geq 96\%$  |  |
| S1227 | 3-(2-甲基丙基) 吡啶                | 3-(2-Methylpropyl) pyridine   | 3371 | Content: $\geq 97\%$  |  |
| S1228 | 乙基香兰素 1,2-丙二醇缩醛              | Ethylvanillin propylene glycol acetal                                   | 3838 | Content: $\geq 97\%$ (Sum of Specified Compound and Ethyl Vanillin) |  |
| S1232 | 苄基异丁基原醇(又名 $\alpha$ -异丁基苯乙醇) | Isobutyl benzyl carbinol ( $\alpha$ -Butyl iso phenethyl alcohol)       | 2208 | Content: $\geq 96\%$  |  |
| S1233 | 4-苯基-3-丁烯-2-醇                | 4-Phenyl-3-buten-2-ol   | 2880 | Content: $\geq 96\%$  |  |
| S1234 | 2-甲基-4-苯基-2-丁醇               | 2-Methyl-4-phenyl-2-butanol   | 3629 | Content: $\geq 97\%$  |  |
| S1236 | 辛酸烯丙酯                        | Allyl octanoate   | 2037 | Content: $\geq 97\%$  |  |
| S1237 | $\alpha$ -丙基苯乙醇              | $\alpha$ -Propylphenethyl alcohol                                       | 2953 | Content: $\geq 96\%$  |  |
| S1238 | 龙葵醇(又名 $\beta$ -甲基苯乙醇)       | Hydratropyl alcohol ( $\beta$ -Methylphenethyl alcohol)                 | 2732 | Content: $\geq 98\%$  |  |
| S1240 | 2,3-二巯基丁烷                    | 2,3-Dimercaptobutane  | 3477 | Content: $\geq 97.5\%$  |  |

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| S1241 | $\beta$ -萘乙醚          | $\beta$ -Naphthyl ethyl ether                               | 2768 | Content: $\geq 99\%$  |  |
| S1242 | 异丁基 $\beta$ -萘醚       | $\beta$ -Naphthyl isobutyl ether                            | 3719 | Content: $\geq 98\%$  |  |
| S1243 | 邻-丙基苯酚                | <i>o</i> -Propylphenol                                      | 3522 | Content: $\geq 96\%$  |  |
| S1244 | 苜基异丁香酚                | Isoeugenyl benzyl ether                                     | 3698 | Content: $\geq 96\%$  |  |
| S1245 | 2-甲基-3(5 或 6)-甲硫基吡嗪   | 2-Methyl-3,5-or 6-(methylthio) pyrazine                     | 3208 | Content: $\geq 99\%$ (Sum of isomers)                               |  |
| S1246 | 香茅氧基乙醛                | Citronellyloxyacetaldehyde                                  | 2310 | Content: $\geq 75\%$  | Minor ingredients: Citronellyloxyacetaldehyde, citronellol |
| S1247 | 乙醛苯乙醇丙醇缩醛             | Acetaldehyde phenylethyl propyl acetal                      | 2004 | Content: $\geq 96\%$  |  |
| S1248 | 2-甲基-3-(对甲基苯基) 丙醛     | 2-Methyl-3-( <i>p</i> -methylphenyl) propanal (Sataldehyde) | 2748 | Content: $\geq 95\%$  |  |
| S1249 | 2-苯基-3-(2-呋喃基) 丙-2-烯醛 | 2-Phenyl-3-(2-furyl) prop-2-enal                            | 3586 | Content: $\geq 99\%$  |  |
| S1250 | 3,5,5-三甲基己醛           | 3,5,5-Trimethylhexanal                                      | 3524 | Content: $\geq 97\%$  |  |
| S1251 | 2-甲基-3(5 或 6)-乙氧基吡嗪   | 2-Methyl-3 (5 or 6)-ethoxypyrazine                          | 3569 | Content: $\geq 97\%$ (Sum of three isomers)                         |  |
| S1252 | 庚醛甘油缩醛                | Heptanal glyceryl acetal                                    | 2542 | Content: $\geq 96\%$ (sum of mixed isomers and unreacted aldehydes) |  |
| S1253 | 苯乙醛甘油缩醛               | Phenylacetaldehyde glyceryl acetal                          | 2877 | Content: $\geq 95\%$  | Minor ingredients: phenylacetaldehyde 1,3-glycerylacetal   |
| S1254 | 对-异丙基苯乙醛              | <i>p</i> -Isopropyl phenylacetaldehyde                      | 2954 | Content: $\geq 97\%$  |  |
| S1255 | 2-甲基-4-苯丁醛            | 2-Methyl-4-phenylbutyraldehyde                              | 2737 | Content: $\geq 95\%$  |  |
| S1256 | 龙葵醛                   | Hydratropic aldehyde  | 2886 | Content: $\geq 95\%$  |  |
| S1257 | 龙葵醛二甲缩醛               | Hydratropic aldehydedimethyl acetal                         | 2888 | Content: $\geq 95\%$  |  |

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|-------|------------------------|--|------|--|--|
| S1258 | 羟基香茅醛二乙缩醛              | Hydroxycitronellal diethyl acetal              | 2584 | Content: ≥95%  |  |
| S1259 | 柠檬醛二甲缩醛                | Citral dimethyl acetal                         | 2305 | Content: ≥92% (Sum of isomers)   |  |
| S1260 | 4-甲基-5-(2-乙酰氧乙基)-噻唑    | 4-Methyl-5-(2-acetoxyethyl) thiazole           | 3205 | Content: ≥97%  |  |
| S1261 | $\alpha$ -丁基肉桂醛        | $\alpha$ -Butylcinnamaldehyde                  | 2191 | Content: ≥98%  |  |
| S1263 | 4-甲基-1-苯基-2-戊酮         | 4-Methyl-1-phenyl-2-pentanone                  | 2740 | Content: ≥98%  |  |
| S1264 | 1-(对-甲氧基苯基)-1-戊烯-3-酮   | 1-( <i>p</i> -Methoxyphenyl)-1-penten-3-one    | 2673 | Content: ≥98%  |  |
| S1265 | $\alpha$ -己叉基环戊酮       | $\alpha$ -Hexylidenecyclopentanone             | 2573 | Content: ≥98%  |  |
| S1266 | 四甲基乙基环己烯酮              | Tetramethyl ethylcyclohexenone                 | 3061 | Content: ≥97% (sum of 5-ethyl-2,3,4,5-tetramethylcyclohexenone and 5-ethyl-3,4,5,6-tetramethylcyclohexenone) |  |
| S1267 | 糠硫醇甲酸酯                 | Furfurylthiol formate                          | 3158 | Content: ≥97%  |  |
| S1268 | 甲基 $\beta$ -萘酮         | Methyl $\beta$ -naphthyl ketone                | 2723 | Content: ≥97%  |  |
| S1269 | 2-(3-苯丙基) 四氢呋喃         | 2-(3-Phenylpropyl) tetrahydrofuran             | 2898 | Content: ≥98%  |  |
| S1270 | 烯丙基乙酸                  | Allyl acetic acid                              | 2843 | Content: ≥97%  |  |
| S1271 | 甲酸二甲基苄基原酯              | Dimethyl benzyl carbinyl formate               | 2395 | Content: ≥93%  | Minor ingredients: $\alpha$ , $\alpha$ -dimethyl phenylethol |
| S1272 | 4-乙酰基-6-叔丁基-1,1-二甲基茛满  | 4-Acetyl-6- <i>t</i> -butyl-1,1-dimethylindane | 3653 | Content: ≥97%  |  |
| S1273 | 癸醛二甲缩醛 (又名 1,1-二甲氧基癸烷) | Decanal dimethyl acetal (1,1-Dimethoxydecane)  | 2363 | Content: ≥95%  |  |
| S1274 | 乙酸环己基乙酯                | Cyclohexane ethyl acetate                      | 2348 | Content: ≥98%  |  |
| S1275 | 对-甲苯氧基乙酸乙酯             | Ethyl ( <i>p</i> -tolylloxy) acetate           | 3157 | Content: ≥98%  |  |



|       |   |  |      |               |                                |
|-------|---|--|------|---------------|--------------------------------|
| S1276 | 乙酸二甲基苄基原酯   | Dimethyl phenethyl carbinyl acetate                    | 2735 | Content: ≥97% |                                |
| S1277 | 丙酸甲基苄基原酯  | Methyl phenylcarbinyl propionate                       | 2689 | Content: ≥98% |                                |
| S1278 | 2-呋喃基丙烯酸丙酯  | Propyl 2-furanacrylate                                 | 2945 | Content: ≥97% |                                |
| S1279 | 异丁酸二甲基苄基原酯  | Dimethyl phenethyl carbinyl isobutyrate                | 2736 | Content: ≥96% |                                |
| S1280 | 异丁酸 2-苯氧基乙酯   | 2-Phenoxyethyl isobutyrate                             | 2873 | Content: ≥97% |                                |
| S1281 | 十三碳二酸环乙二醇二酯   | Ethylene brassylate                                    | 3543 | Content: ≥95% |                                |
| S1282 | 邻氨基苯甲酸异丁酯   | Isobutyl anthranilate                                  | 2182 | Content: ≥96% |                                |
| S1283 | 对-叔丁基苯乙酸甲酯  | Methyl <i>p</i> -tert-butylphenylacetate               | 2690 | Content: ≥97% |                                |
| S1285 | 苯乙酸辛酯   | Octyl phenylacetate                                    | 2812 | Content: ≥98% |                                |
| S1286 | 苯乙酸苄酯   | Benzyl phenylacetate                                   | 2149 | Content: ≥98% |                                |
| S1287 | 苯乙酸芳樟酯  | Linalyl phenylacetate                                  | 3501 | Content: ≥95% |                                |
| S1288 | 苯乙酸香茅酯  | Citronellyl phenylacetate                              | 2315 | Content: ≥98% |                                |
| S1289 | 苯乙酸愈创木酚酯  | Guaiacyl phenylacetate                                 | 2535 | Content: ≥97% |                                |
| S1290 | 3-甲基 2-丁烯酸 2-苄基酯 (又名千里酸苄基酯)                               | 2-Phenethyl 3-methyl-2-butenate (Phenethyl senecioate) | 2869 | Content: ≥97% |                                |
| S1291 | 3-苯基缩水甘油酸乙酯   | Ethyl 3-phenylglycidate                                | 2454 | Content: ≥98% |                                |
| S1292 | 肉桂酸芳樟酯  | Linalyl cinnamate                                      | 2641 | Content: ≥94% | Minor ingredients:<br>linalool |
| S1293 | 1,2-二((1'-乙氧基)-乙氧基)丙烷                                     | 1,2-Di ((1'-ethoxy) ethoxy) propane                    | 3534 | Content: ≥97% |                                |
| S1296 | 3- <i>l</i> -薄荷氧基-1,2-丙二醇 (又名 3- <i>l</i> -薄荷烷氧基 1,2-丙二醇) | 3- <i>l</i> -Menthoxyp propane-1,2-diol                | 3784 | Content: ≥99% |                                |

|       |                      |                                       |      |  |   |
|-------|----------------------|---------------------------------------|------|--|---|
| S1297 | 香兰基丁醚                | Vanillyl butyl ether                  | 3796 | Content: ≥95%  |   |
| S1298 | 9-癸烯醛                | 9-Decenal                             | 3912 | Content: ≥98%  |   |
| S1299 | 2-仲丁基环己酮             | 2- <i>sec</i> -Butylcyclohexanone     | 3261 | Content: ≥94%  | Minor ingredients: 2-isobutyl cyclohexanone           |
| S1300 | 2,3-十一碳二酮            | 2,3-Undecadione                       | 3090 | Content: ≥97%  |   |
| S1301 | 环己烷基甲酸               | Cyclohexanecarboxylic acid            | 3531 | Content: ≥98%  |   |
| S1302 | 5 和 6-癸烯酸 (又名牛奶内酯)   | 5- and 6-Decenoic acid (Milk lactone) | 3742 | Content: ≥ 88% (sum of <i>cis</i> and <i>trans</i> isomers of 5 and 6 decenoic acids)    |   |
| S1303 | 八乙酸蔗糖酯               | Sucrose octaacetate                   | 3038 | Content: ≥97%  |   |
| S1304 | 丁酸烯丙酯                | Allyl butyrate                        | 2021 | Content: ≥98%  |   |
| S1305 | 异丁酸香兰素酯              | Vanillin isobutyrate                  | 3754 | Content: ≥98%  |   |
| S1306 | 戊二酸单 <i>l</i> -薄荷醇酯  | <i>l</i> -Monomenthyl glutarate       | 4006 | Content: ≥72%  | Minor ingredients: Dimenthyl glutarate, glutaric acid |
| S1307 | 苯甲酰基乙酸乙酯             | Ethyl benzoylacetate                  | 2423 | Content: ≥ 88% (the sum of designated compounds and ethyl benzoate is not less than 96%) |   |
| S1308 | $\epsilon$ -十二内酯     | $\epsilon$ -Dodecalactone             | 3610 | Content: ≥99%  |   |
| S1309 | 八氢香豆素                | Octahydrocoumarin                     | 3791 | Content: ≥99%  |   |
| S1310 | 2,5-二甲基-3-呋喃硫醇       | 2,5-Dimethyl-3-furathiyl              | 3451 | Content: ≥95%  | Impurity: disulfide                                   |
| S1311 | 1,2-丁二硫醇             | 1,2-Butanedithiol                     | 3528 | Content: ≥98%  |   |
| S1312 | 双-(2,5-二甲基-3-呋喃基)二硫醚 | Bis (2,5-dimethyl-3- furyl) disulfide | 3476 | Content: ≥99%  |   |
| S1313 | 丙基 2-甲基-3-呋喃基二硫醚     | Propyl 2-methyl-3-furyl disulfide     | 3607 | Content: ≥97%  |   |
| S1314 | 二环己基二硫醚              | Dicyclohexyl disulfide                | 3448 | Content: ≥97%  |   |
| S1315 | 糠基异丙基硫醚              | Furfuryl isopropyl sulfide            | 3161 | Content: ≥97%  |   |

|       |                           |  |      |               |  |
|-------|---------------------------|--|------|---------------|--|
| S1316 | 2-乙基苯硫酚                   | 2-Ethyl thiophenol                     | 3345 | Content: ≥98% |  |
| S1317 | 2-(乙酰氧基)丙酸甲硫醇酯            | Methylthio 2-(acetyloxy) propionate    | 3788 | Content: ≥98% |  |
| S1318 | 2-(丙酰氧基)丙酸甲硫醇酯            | Methylthio 2-(propionyloxy) propionate | 3790 | Content: ≥98% |  |
| S1319 | 3-糠硫基丙酸乙酯                 | Ethyl 3-(furfurylthio) propionate      | 3674 | Content: ≥97% |  |
| S1320 | 2-甲硫基吡嗪                   | 2-Methylthiopyrazine                   | 3231 | Content: ≥99% |  |
| S1321 | 异硫氰酸苯乙酯                   | Phenethyl isothiocyanate               | 4014 | Content: ≥99% |  |
| S1322 | 2-(3-苯丙基)吡啶               | 2-(3-Phenylpropyl) pyridine            | 3751 | Content: ≥97% |  |
| S1323 | 4,5-二甲基-2-乙基-3-噻唑啉        | 4,5-Dimethyl-2-ethyl-3- thiazoline     | 3620 | Content: ≥98% |  |
| S1324 | 2-仲丁基-4,5-二甲基-3-噻唑啉       | 2-(2-Butyl)-4,5-dimethyl-3-thiazoline  | 3619 | Content: ≥98% |  |
| S1325 | 吡嗪乙硫醇                     | Pyrazine ethanethiol                   | 3230 | Content: ≥97% |  |
| S1326 | 水杨酸苯酯                     | Phenyl salicylate                      | 3960 | Content: ≥99% |  |
| S1327 | 庚醛二甲缩醛                    | Heptanal dimethyl acetal               | 2541 | Content: ≥98% |  |
| S1328 | 羟基香茅醛二甲缩醛                 | Hydroxy citronellal dimethyl acetal    | 2585 | Content: ≥95% |  |
| S1329 | 对-丙基茴香醚                   | <i>p</i> -Propyl anisole               | 2930 | Content: ≥99% |  |
| S1330 | 异丁酸对-甲酚酯                  | <i>p</i> -Tolyl isobutyrate            | 3075 | Content: ≥95% |  |
| S1331 | 异丁酸邻-甲酚酯                  | <i>o</i> -Tolyl isobutyrate            | 3753 | Content: ≥95% |  |
| S1332 | 柠檬醛丙二醇缩醛                  | Citral propylene glycol acetal         | -    | Content: ≥95% |  |
| S1333 | 反式-2-己烯醛二乙缩醛              | <i>trans</i> -2-Hexenal diethyl acetal | 4047 | Content: ≥97% |  |
| S1334 | 2-巯基噻吩                    | 2-Mercaptothiophene                    | 3062 | Content: ≥98% |  |
| S1335 | 对-盖-3,8-二醇(又名对-3,8-薄荷烷二醇) | <i>p</i> -Menth-3,8-diol               | 4053 | Content: ≥99% |  |

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|-------|---|--|------|--|---|
| S1336 | 1,8-辛二硫醇  | 1,8-Octanedithiol  | 3514 | Content: ≥99%  |   |
| S1337 | 螺 [2,4-二硫杂-1-甲基-8-氧杂双环 [3.3.0]-辛烷-3,3'-(1'-氧杂-2'-甲基) 环戊烷] | spiro [2,4-Dithia-1-methyl-8-oxabicyclo [3.3.0] octane-3,3'-(1'-oxa-2'-methyl) cyclopentane] | 3270 | Content: ≥95%  |   |
| S1338 | 3-壬烯-2-酮  | 3-Nonen-2-one  | 3955 | Content: ≥95%  |   |
| S1339 | 3-甲基-2,4-壬二酮  | 3-Methyl-2,4-nonadione   | 4057 | Content: ≥97%  |   |
| S1340 | 2,5-二甲基-3-硫代乙酰氧基呋喃  | 2,5-Dimethyl-3-thioacetoxifyuran   | 4034 | Content: ≥98%  |   |
| S1341 | 反式-4-己烯醛  | <i>trans</i> -4-Hexenal  | 4046 | Content: ≥92% (Sum of <i>cis</i> and <i>trans</i> isomers)   |   |
| S1342 | 3-[(2-甲基-3-呋喃) 硫基]-2-丁酮                                   | (+/-)-3- [(2-Methyl-3- furyl) thio]-2-butanone   | 4056 | Content: ≥99%  |   |
| S1343 | 3-巯基-2-甲基戊醛   | 3-Mercapto-2-methylpentanal  | 3994 | Content: ≥96%  |   |
| S1344 | 2-( <i>l</i> -薄荷氧基)乙醇 [又名 2-( <i>l</i> -薄荷烷氧基)乙醇]         | 2-( <i>L</i> -Menthoxy) ethanol  | 4154 | Content: ≥99%  |   |
| S1345 | 丙酸四氢糠酯  | Tetrahydrofurfuryl propionate  | 3058 | Content: ≥97%  |   |
| S1346 | 异戊酸烯丙酯  | Allyl isovalerate  | 2045 | Content: ≥98%  |   |
| S1347 | 3-辛酮-1-醇  | 3-Octanon-1-ol   | 2804 | Content: ≥90%  | Minor ingredients: 1-hydroxy-3-octanone |
| S1348 | 三丙酸甘油酯  | Glyceryl tripropanoate   | 3286 | Content: ≥97%  |   |
| S1349 | 辛酸 $\alpha$ -糠酯   | $\alpha$ -Furfuryloctanoate  | 3396 | Content: ≥98% (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>13</sub> H <sub>20</sub> O <sub>3</sub> ) |   |
| S1350 | 丁酸反式-2-辛烯醇酯   | <i>trans</i> -2-Octen-1-yl butanoate   | 3517 | Content: ≥96%  |   |
| S1351 | 苯乙醛二异丁缩醛  | Phenylacetaldehyde diisobutyl acetal   | 3384 | Content: ≥97%  |   |
| S1352 | 1,3-二苯基-2-丙酮  | 1,3-Diphenyl-2-propanone   | 2397 | Content: ≥97%  |   |

|       |  |   |      |   |   |
|-------|--|---|------|---|---|
| S1353 | 10-十一烯酸丁酯                                  | Butyl 10-undecylenate   | 2216 | Content: $\geq 98\%$  |   |
| S1354 | 乙酸檀香酯                                      | Santalyl acetate  | 3007 | Content: $\geq 95\%$ (sum of $\alpha$ -Santalyl acetate and $\beta$ -Santalyl acetate)  |   |
| S1355 | 2-乙基丁酸香叶酯                                  | Geranyl 2-ethylbutyrate   | 3339 | Content: $\geq 95\%$ (On ester) (the test method shall be in accordance with GB/T 14455.6, and the molecular weight shall be calculated as C <sub>16</sub> H <sub>30</sub> O <sub>2</sub> ) |   |
| S1356 | 3-羟甲基-2-辛酮                                 | 3-Hydroxymethyl-2-octanone  | 3292 | Content: $\geq 90\%$  | Minor ingredients: 3-methylene-2-octanone |
| S1357 | 1,2-环己二酮                                   | 1,2-Cyclohexanedione  | 3458 | Content: $\geq 99\%$  |   |
| S1359 | 赤、苏-3-巯基-2-甲基丁-1-醇 (又名 3-巯基-2-甲基丁醇)        | Rythro and threo-3-Mercapto-2-methylbutan-1-ol (3-Mercapto-2-methylbutyl alcohol) | 3993 | Content: $\geq 98\%$  |   |
| S1360 | 4-甲基联苯                                     | 4-Methyl biphenyl   | 3186 | Content: $\geq 98\%$  |   |
| S1361 | $\alpha$ -戊基肉桂醇                            | $\alpha$ -Amylcinnamyl alcohol  | 2065 | Content: $\geq 95\%$  |   |
| S1362 | 1-苯基-3-甲基-戊醇-3                             | 1-phenyl-3-methyl-3-pentanol  | 2883 | Content: $\geq 98\%$  |   |
| S1363 | 5-苯基戊醇                                     | 5-Phenylpentanol  | 3618 | Content: $\geq 98\%$  |   |
| S1364 | 对-盖烷醇-2 (又名对-薄荷烷醇-2)                       | <i>p</i> -Menthan-2-ol  | 3562 | Content: $\geq 95\%$  |   |
| S1365 | 脱氢二氢紫罗兰醇                                   | Dehydrodihydroionol   | 3446 | Content: $\geq 70\%$  | Minor ingredients: tetrahydroionol        |
| S1366 | 乙基葑醇                                       | Ethyl fenchol   | 3491 | Content: $\geq 99\%$  |   |
| S1368 | N1-(2-甲氧基-4-甲基苄基)-N2-[2-(5-甲基-2-吡啶基)乙基]草酰胺 | N1-(2-methoxy-4-methylbenzyl)-N2-(2-(5-methylpyridin-2-yl) ethyl) oxalamide       | 4234 | Content: $\geq 99\%$  |   |
| S1369 | N1-(2,4-二甲氧基苄基)-N2-[2-(2-吡啶基)乙基]草酰胺        | N1-(2,4-dimethoxybenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide                      | 4233 | Content: $\geq 99\%$  |   |

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|-------|------------------------------------|--|------|---|--|
| S1370 | <i>N</i> -(4-庚基)- (3,4-亚甲二氧基) 苯甲酰胺 | <i>N</i> -(heptan-4-yl) benzo[d][1,3]dioxole-5-carboxamide         | 4232 | Content: ≥99%   |  |
| S1371 | 二苄醚                                | Dibenzyl ether   | 2371 | Content: ≥99%   |  |
| S1372 | 5-羟基-十二酸甘油酯                        | Glyceryl 5-hydroxydodecanoate                                      | 3686 | Content: ≥40% (the sum of glyceryl mono-5-hydroxy-dodecanoate, glyceryl di-5-hydroxy-dodecanoate, glyceryl tri-5-hydroxy-dodecanoate) | Minor ingredients: δ-Dodecalactone, 5-Hydroxydodecanoate, glycerol |
| S1373 | 三丁酸甘油酯                             | Tributylin   | 2223 | Content: ≥99%   |  |
| S1374 | 壬酸烯丙酯                              | Allyl nonanoate  | 2036 | Content: ≥96.5%   |  |
| S1375 | 5-羟基癸酸甘油酯                          | Glyceryl 5-hydroxydecanoate  | 3685 | Content: ≥56% (the sum of glyceryl mono-5-hydroxydecanoate, glyceryl di-5-hydroxydecanoate, glyceryl tri-5-hydroxydecanoate);         | Minor ingredients: δ-Decalactone, 5-hydroxydecanoate, glycerol     |
| S1376 | 丙酸 3-苯基丙酯                          | 3-Phenylpropyl propionate  | 2897 | Content: ≥99%   |  |
| S1377 | 肉桂酸异丙酯                             | Isopropyl cinnamate  | 2939 | Content: ≥98%   |  |
| S1378 | 2-酮基-4-丁硫醇                         | 2-Keto-4-butanethiol   | 3357 | Content: ≥99%   |  |
| S1379 | 甲基-对-甲苯缩水甘油酸乙酯                     | Ethyl methyl- <i>p</i> -tolyl glycidate                            | 3757 | Content: ≥96%   |  |
| S1380 | 5-羟基-8-十一碳烯酸 δ-内酯                  | 5-Hydroxy-8-undecenoic acid delta-lactone                          | 3758 | Content: ≥95%   |  |
| S1381 | <i>N</i> -环丙基-反式-2-顺式-6-壬二烯酰胺      | <i>N</i> -Cyclopropyl-( <i>E</i> )2, ( <i>Z</i> )6-nonadienamamide | 4087 | Content: ≥95%   |  |
| S1382 | <i>N</i> -乙基-反式-2-顺式-6-壬二烯酰胺       | <i>N</i> -Ethyl-( <i>E</i> )2, ( <i>Z</i> )6-nonadienamamide       | 4113 | Content: ≥96%   |  |
| S1383 | 2,4-二甲基-1,3-二氧戊环 (又名乙醛 1,2-丙二醇缩醛)  | 2,4-Dimethyl-1,3-dioxolane (Acetaldehyde propylene glycol acetal)  | 4099 | Content: ≥95%   |  |
| S1384 | β-萘甲醚                              | β-Naphthyl methyl ether  | 4704 | Content: ≥99%   |  |
| S1385 | 二羟基丙酮                              | Dihydroxyacetone   | 4033 | Content: ≥97%   |  |

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|-------|--------|------------------|------|----------------------|--|
| S1386 | 二苯基二硫醚 | Phenyl disulfide | 3225 | Content: $\geq 98\%$ |  |
|-------|--------|------------------|------|----------------------|--|

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|-------|------------------------------------|---|------|--|--|
| S1387 | 乙基香芹酚                              | Ethyl carvacrol   | 2246 | Content: ≥95%  |  |
| S1388 | 甲基苯甲醛甘油缩醛(邻-、间-、对-异构体混合物)          | Tolualdehyde glyceryl acetal ( <i>o</i> -, <i>m</i> -, <i>p</i> -mixed isomers) | 3067 | Content: ≥95% (sum of <i>o</i> -methylbenzaldehyde glycerol acetal, <i>m</i> -methylbenzaldehyde glycerol acetal and <i>p</i> -methylbenzaldehyde glycerol acetal) |  |
| S1389 | (+/-)-反式和顺式-4,8-二甲基-3,7-壬二烯-2-醇    | (+/-)- <i>trans</i> -and <i>cis</i> -4,8-Dimethyl-3,7-nona-dien-2-ol            | 4102 | Content: ≥95%  |  |
| S1390 | (+/-)-反式和顺式-4,8-二甲基-3,7-壬二烯-2-醇乙酸酯 | (+/-)- <i>trans</i> -and <i>cis</i> -4,8-Dimethyl-3,7-nona-dien-2-yl acetate    | 4103 | Content: ≥95%  |  |
| S1391 | 反式和顺式-1-甲氧基-1-癸烯                   | <i>trans</i> -and <i>cis</i> -1-Methoxy-1-decene                                | 4161 | Content: ≥98% (Sum of <i>cis</i> and <i>trans</i> isomers)   |  |
| S1392 | 2-(4-甲基-5-噻唑基)乙醇癸酸酯                | 2-(4-Methyl-5-thiazolyl) ethyl decanoate  | 4281 | Content: ≥95%  |  |
| S1393 | 2-(4-甲基-5-噻唑基)乙醇异丁酸酯               | 2-(4-Methyl-5-thiazolyl) ethyl isobutyrate                                      | 4278 | Content: ≥98%  |  |
| S1394 | 2-(4-甲基-5-噻唑基)乙醇甲酸酯                | 2-(4-Methyl-5-thiazolyl) ethyl formate  | 4275 | Content: ≥95%  |  |
| S1395 | 异戊酸 3-苯丙酯                          | 3-Phenylpropyl isovalerate  | 2899 | Content: ≥98%  |  |
| S1396 | <i>D, L</i> -薄荷脑 (+/-)-1,2-丙二醇碳酸酯  | <i>D, L</i> -Menthol (+/-)-propylene glycol carbonate                           | 3992 | Content: ≥87%  | Minor ingredients: 1-(hydroxymethyl) ethyl menthyl carbonate |
| S1397 | 乙酸 1-乙氧基乙醇酯                        | 1-Ethoxyethyl acetate   | 4069 | Content: ≥95%  |  |
| S1398 | <i>N</i> -异丁基-反-2-反-4-癸二烯酸酰胺       | <i>N</i> -Isobutyldeca- <i>trans</i> -2- <i>trans</i> -4-dienamide              | 4148 | Content: ≥95%  |  |
| S1399 | 二苯乙醇酮 (又名 2-羟基-2-苯基苯乙酮)            | Benzoin (2-Hydroxy-2-phenylacetophenone)  | 2132 | Content: ≥98%  |  |
| S1400 | 甲基异戊基二硫醚                           | Methyl isopentyl disulfide  | 4168 | Content: ≥92%  | Minor ingredients: crotonic acid                             |



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|-------|---|--|------|---|-----------------------------------|
| S1401 | 邻氨基苯甲酸烯丙酯   | Allyl anthranilate   | 2020 | Content: ≥98%   |                                   |
| S1402 | 6-环己基己酸烯丙酯  | Allyl cyclohexanehexanoate   | 2025 | Content: ≥98%   |                                   |
| S1403 | 5-环己基戊酸烯丙酯  | Allyl cyclohexanevalerate  | 2027 | Content: ≥98%   |                                   |
| S1404 | 2-乙基丁酸烯丙酯   | Allyl 2-ethylbutyrate  | 2029 | Content: ≥99%   |                                   |
| S1405 | 惕各酸烯丙酯 (又名反式-2-甲基-2-丁烯酸烯丙酯)                                       | Allyl tiglate (Allyl <i>trans</i> -2-methyl-2-butenate)                | 2043 | Content: ≥98%   |                                   |
| S1406 | 10-十一烯酸烯丙酯  | Allyl 10-undecenoate   | 2044 | Content: ≥98%   |                                   |
| S1407 | $\alpha$ -戊基肉桂醛二甲缩醛   | $\alpha$ -Amylcinnamaldehyde dimethyl acetal                           | 2062 | Content: ≥97%   |                                   |
| S1408 | 乙酸 $\alpha$ -戊基肉桂酯  | $\alpha$ -Amylcinnamyl acetate   | 2064 | Content: ≥97%   |                                   |
| S1409 | 甲酸 $\alpha$ -戊基肉桂酯  | $\alpha$ -Amylcinnamyl formate   | 2066 | Content: ≥ 85% (the sum of $\alpha$ -Amylcinnamyl formate and pentyl cinnamol is not less than 97%) |                                   |
| S1410 | 异戊酸 $\alpha$ -戊基肉桂酯   | $\alpha$ -Amylcinnamyl isovalerate                                     | 2067 | Content: ≥97%   |                                   |
| S1411 | 4 (2-呋喃基) 丁酸异戊酯   | Isoamyl 4 (2-furan) butyrate   | 2070 | Content: ≥95%   |                                   |
| S1412 | 3 (2-呋喃基) 丙酸异戊酯   | Isoamyl 3 (2-furan) propionate   | 2071 | Content: ≥96%   |                                   |
| S1413 | 2-戊基-5 或 6-酮-1,4-二噁烷  | 2-Amyl-5 or 6-keto-1,4-dioxane   | 2076 | Content: ≥97%   |                                   |
| S1414 | 丙酮酸异戊酯  | Isoamyl pyruvate   | 2083 | Content: ≥97%   |                                   |
| S1415 | 苄基丁基醚   | Benzyl butyl ether   | 2139 | Content: ≥92.6%   | Minor ingredients: benzyl alcohol |
| S1416 | <i>N</i> -3,7-二甲基-2,6-辛二烯-环丙基甲酰胺                                  | <i>N</i> -3,7-Dimethyl-2,6-octadienylcyclopropylcarboxamide            | 4267 | Content: ≥98%   |                                   |
| S1417 | <i>N</i> -(乙氧羰基甲基)-对-盖烷-3-甲酰胺 [又名 <i>N</i> -(乙氧羰基甲基)-对-薄荷烷-3-甲酰胺] | [ <i>N</i> -(Ethoxycarbonyl) methyl]- <i>p</i> -menthane-3-carboxamide | 4309 | Content: ≥99%   |                                   |

|       |                              |   |      |  |                                   |
|-------|------------------------------|---|------|--|-----------------------------------|
| S1418 | 硬木烟熏香味料                      | SmokEz C-10   | -    | Color: light brown to dark amber<br>Status: liquid<br>Aroma: Smoky<br>Acid value (calculated by acetic acid):<br>2.0%~20.0%<br>Carbonyl compounds (calculated by<br>heptanal): 2.0%~25.0%<br>Phenol content (calculated by 2,6-<br>dimethoxyphenol): 0.1%~16%<br>Benzo [a] pyrene ≤ 2 µg/kg<br>Lead (Pb) ≤ 2 mg/kg |                                   |
| S1420 | (反式, 顺式)-2,6-壬二烯-1-醇乙<br>酸酯  | (E, Z)-2,6-Nonadien-1-ol acetate                          | 3952 | Content: ≥95%  |                                   |
| S1421 | 邻氨基苯甲酸苯乙酯                    | Phenylethyl anthranilate                                  | 2859 | Content: ≥98%  |                                   |
| S1422 | 2-丙酰基-2-噻唑啉                  | 2-Propionyl-2-thiazoline                                  | 4064 | Content: ≥99%  |                                   |
| S1423 | 顺式-8-十四烯醛                    | (Z)-8-Tetradecenal  | 4066 | Content: ≥99%  |                                   |
| S1424 | 烯丙硫醇己酸酯                      | Allyl thiohexanoate                                       | 4076 | Content: ≥99%  |                                   |
| S1425 | 双香兰素                         | Divanillin  | 4107 | Content: ≥91%  | Minor<br>ingredients:<br>vanillin |
| S1426 | 顺式和反式-2-庚基环丙烷羧酸              | cis and trans-2-<br>Heptylcyclopropane carboxylic<br>acid | 4130 | Content: ≥95%  |                                   |
| S1427 | 5-羟基-4-甲基己酸 δ-内酯             | 5-Hydroxy-4-methylhexanoic acid<br>δ-lactone              | 4141 | Content: ≥96%  |                                   |
| S1428 | 4-巯基-2-戊酮                    | 4-Mercapto-2-pentanone                                    | 4157 | Content: ≥95%  |                                   |
| S1429 | 2,4,6-三硫杂庚烷                  | 2,4,6-Trithiaheptane                                      | 4214 | Content: ≥95%  |                                   |
| S1430 | 1-(4-甲氧苯基)-4-甲基-1-戊烯-3-<br>酮 | 1-(4-Methoxyphenyl)-4-methyl-1-<br>penten-3-one           | 3760 | Content: ≥97%  |                                   |
| S1431 | 3(2)-羟基-5-甲基-2(3)-己酮         | 3(2)-Hydroxy-5-methyl-2(3)-<br>hexanone                   | 3989 | Content: ≥97% (mixture of 3-hydroxy-5-<br>methyl-2-hexanone and 2-hydroxy-5-<br>methyl-3-hexanone)   |                                   |

|       |                                   |  |      |               |   |
|-------|-----------------------------------|--|------|---------------|---|
| S1432 | 二巯基甲烷                             | Dimercaptomethane  | 4097 | Content: ≥95% |   |
| S1433 | 4-羟基-2-丁烯酸 γ-内酯<br>[又名 2(5H)-呋喃酮] | 4-Hydroxy-2-butenic acid γ- lactone<br>(2(5H)-furanone)                          | 4138 | Content: ≥97% |   |
| S1434 | (+/-)-3-甲硫基丁酸异丁酯                  | (+/-)-Isobutyl 3-methylthiobutyrate  | 4150 | Content: ≥97% |   |
| S1435 | 3-甲硫基-2-丁酮                        | 3-(Methylthio)-2-butanone  | 4181 | Content: ≥97% |   |
| S1436 | 顺式和反式-5-乙基-4-甲基-2-(2-甲基丙基)-噻唑啉    | <i>cis</i> - and <i>trans</i> -5-Ethyl-4- methyl-2-(2-methylpropyl) - thiazoline | 4319 | Content: ≥96% |   |
| S1437 | 1-戊硫醇                             | 1-Pentanethiol   | 4333 | Content: ≥97% |   |
| S1438 | (+/-)-4-巯基-4-甲基-2-戊醇              | (+/-)-4-mercapto-4-methyl-2-pentanol   | 4158 | Content: ≥98% |   |
| S1439 | 异戊酸环己酯                            | cyclohexyl isovalerate   | 2355 | Content: ≥95% |   |
| S1440 | 2-噻吩基二硫醚                          | 2-thienyl disulfide  | 3323 | Content: ≥98% |   |
| S1441 | 双(2-甲基-3-呋喃基)四硫醚                  | bis (2-methyl-3- furyl) tetrasulfide   | 3260 | Content: ≥96% |   |
| S1442 | 辛酸对-甲酚酯                           | <i>p</i> -tolyl octanoate  | 3733 | Content: ≥96% |   |
| S1443 | 丙酸麦芽酚酯                            | maltol propionate  | 3941 | Content: ≥98% |   |
| S1444 | 顺式-2-己烯-1-醇                       | ( <i>Z</i> )-2-hexen-1-ol  | 3924 | Content: ≥92% | Minor ingredients:<br>trans-2-Hexenyl<br>geraniol |
| S1445 | (+/-) 反式和顺式-2-己烯醛丙二醇缩醛            | (+/-) <i>trans</i> - and <i>cis</i> -2-hexenal propylene glycol acetal           | 4272 | Content: ≥97% |   |
| S1446 | 乙酸 2-乙基丁酯                         | 2-ethylbutyl acetate   | 2425 | Content: ≥98% |   |
| S1447 | 2,5-二乙基-3-甲基吡嗪                    | 2,5-diethyl-3-methylpyrazine   | 3915 | Content: ≥97% |   |
| S1448 | 4-(甲硫基)-2-戊酮                      | 4-(methylthio)-2-pentanone   | 4182 | Content: ≥98% |   |
| S1449 | 甲硫基甲硫醇                            | methylthiomethylmercaptan  | 4185 | Content: ≥97% |   |

|       |  |  |      |   |  |
|-------|--|--|------|---|--|
| S1450 | 顺式和反式-5-乙基-4-甲基-2-(1-甲基丙基)-噻唑啉               | <i>cis-</i> and <i>trans</i> -5-ethyl-4-methyl-2-(1-methylpropyl)-thiazoline | 4318 | Content: ≥97%   |  |
| S1451 | 辛醛二甲缩醛                                       | octanal dimethyl acetal  | 2798 | Content: ≥95%   |  |
| S1452 | 3-巯基-3-甲基-1-丁醇乙酸酯                            | 3-mercapto-3-methyl-1-butylacetate   | 4324 | Content: ≥95%   |  |
| S1453 | ( <i>R, S</i> )-3-羟基丁酸 <i>l</i> -薄荷酯         | <i>l</i> -menthyl ( <i>R, S</i> )-3-hydroxybutyrate                          | 4308 | Content: ≥95%   |  |
| S1454 | 异戊酸异丙酯                                       | isopropyl isovalerate  | 2961 | Content: ≥95%   |  |
| S1455 | 顺式-4-癸烯醇乙酸酯                                  | <i>cis</i> -4-decenyl acetate  | 3967 | Content: ≥98%   |  |
| S1456 | 惕各酸香叶酯                                       | geranyl tiglate  | 4044 | Content: ≥96%   |  |
| S1457 | N-苯甲酰邻氨基苯甲酸                                  | N-benzoylanthranilic acid  | 4078 | Content: ≥99%   |  |
| S1458 | 2,6,10-三甲基-2,6,10-十五碳三烯-14-酮                 | 2,6,10-trimethyl-2,6,10-pentadecatrien-14-one                                | 3442 | Content: ≥96%   |  |
| S1459 | 2,5-二甲基噻唑                                    | 2,5-dimethylthiazole   | 4035 | Content: ≥95%   |  |
| S1460 | 甲硫基甲醇丁酸酯                                     | methylthiomethyl butyrate  | 3879 | Content: ≥97%   |  |
| S1461 | 2-甲硫基乙醇                                      | 2-(methylthio) ethanol   | 4004 | Content: ≥98%   |  |
| S1462 | 二乙基三硫醚                                       | diethyl trisulfide   | 4029 | Content: ≥95%   |  |
| S1463 | 顺式和反式-1-巯基-对-盖烷-3-酮 (又名顺式和反式-1-巯基-对-薄荷烷-3-酮) | <i>cis-</i> and <i>trans</i> -1-mercapto- <i>p</i> -menthan-3-one            | 4300 | Content: ≥ 89% (including 8% - 9% piperitone and 1% - 2% $\alpha$ -terpineol) |  |
| S1464 | 4-羟基-4-甲基-7-顺式-癸烯酸 $\gamma$ -内酯              | 4-hydroxy-4-methyl-7- <i>cis</i> -decenoic acid $\gamma$ lactone             | 3937 | Content: ≥97%   |  |
| S1465 | 2-甲基辛醛                                       | 2-methyloctanal  | 2727 | Content: ≥96.5%   |  |
| S1466 | 3-甲基-5-丙基-2-环己烯-1-酮                          | 3-methyl-5-propyl-2-cyclohexen-1-one   | 3577 | Content: ≥95%   |  |

| Code  | Name of the spice | English name      | FEMA NO. | Technical requirements | Remarks                         |
|-------|-------------------|-------------------|----------|------------------------|---------------------------------|
| S1467 | 2,4 -壬二烯-1-醇      | 2,4-nonadien-1-ol | 3951     | Content: ≥92%          | Minor ingredients: 2-nonen-1-ol |
| S1468 | 环戊硫醇              | cyclopentanethiol | 3262     | Content: ≥98%          |                                 |

**Table D.2 Testing Methods for Technical Requirements of Synthetic Flavorings for Food**

| Technical requirements     | Testing methods  |
|----------------------------|--|
| Color and state            | Place the sample on a white paper or in a colorimetric tube and visually observe |
| Aroma                      | GB/T 14454.2   |
| Content*                   | GB/T 11538 or GB/T 11539   |
| Relative density           | GB/T 11540   |
| Refractive index           | GB/T 14454.4   |
| Melting point              | GB/T 14457.3   |
| Specific rotatory power    | GB/T 14454.5   |
| Acid value or acid content | GB/T 14455.5   |
| Total alcohol              | GB/T 14455.7   |
| Moisture                   | GB 5009.3-2016 (the third method)  |
| Total plate count          | GB 4789.2  |
| Salmonella                 | GB 4789.4  |
| Phenol Content             | GB 1886.127-2016 A.2 in Appendix A   |
| Carbonyl compounds         | GB 1886.127-2016 A.3 in Appendix A   |
| Benzo [a] pyrene           | GB 5009.265  |
| Lead                       | GB 5009.75 or GB 5009.12   |

\*Content determination shall be in accordance with the provisions of GB/T 11538 or GB/T 11539. If the above method is not applicable, the provisions of GB/T 27579 shall apply.

**Attachments:**

No Attachments.