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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB 1886.157-2015

National Food Safety Standard -- Food Additives -- Geranyl acetate

食品安全国家标准 食品添加剂 乙酸香叶酯

(English Translation)

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1 Scope

This standard applies to food additives geranyl acetate.

2.1 Chemical Name

Trans-3,7-dimethyl-2,6-octadiene-1-ol acetate Formula 2.2 C12H20O2

2.4 Relative molecular mass

196.29 (according to 2007 international relative atomic mass)

3.1 Sensory requirements

Sensory requirements shall comply with the requirements of Table 1.

Table 1 Sensory requirements

Project requires test methods Color colorless Liquid state the sample was placed in a cuvette, were visually observed Aroma of floral aroma GB/T 14454.2

3.2 Physical and Chemical Indicators

Physical and chemical indicators should be consistent with the provisions of Table 2.

Table 2. Physical and chemical indicators

Item Index Test Method Solubility (25 °C) 1mL sample soluble in 9mL70% (volume fraction) ethanol GB/T 14455.3 Geranyl acetate content, w /% >= 90.0 GB/T 14455.6 Refractive index (20 °C) 1.458 ~ 1.464 GB/T 14454.4 the relative density (25 °C/25 °C) 0.900 ~ 0.914

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