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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB 1886.154-2015

National Food Safety Standard -- Food Additives -- Propyl acetate

食品安全国家标准 食品添加剂 乙酸丙酯

(English Translation)

Issued on: September 22, 2015 **Implemented on: March 22, 2016**

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1 Scope

This standard applies to food additives propyl acetate.

2.1 Chemical Name

Propyl acetate

Formula 2.2

C5H10O2

2.4 Relative molecular mass

102.13 (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 Flowing liquid state the sample was placed in a cuvette, were visually observed Aroma fruity, pear - raspberry-like 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 1mL95% (volume fraction)

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ethanol GB/T 14455.3 Propyl acetate content, w /% >= 97.0 GB/T 11538 Acid value (in dollars KOH)/(mg/g) <= 1.0 GB/T 14455.5 Refractive index (20 °C) 1.382 ~ 1.387 GB/T 14454.4 the relative density (25 °C/25 °C) 0.880 ~ 0.886 GB/T 11540 5102-451.6881

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