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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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**National Food Safety Standard -- Food Additives -- Octanoate
(English Translation)**

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1 Scope

This standard applies to food additives octanoate.

2.1 Chemical Name

Octanoate

Formula 2.2

C₁₀H₂₀O₂

2.4 Relative molecular mass

172.27 (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 wine, brandy, fruity floral fragrance 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 4mL70% (volume fraction)

ethanol GB/T 14455.3 Ethyl caprylate content, w /% ≥ 98.0 GB/T 11538 Acid value (in dollars KOH)/(mg/g) ≤ 1.0 GB/T 14455.5 Refractive index (20 °C) 1.417 ~ 1.419 GB/T 14454.4 the relative density (25 °C/25 °C) 0.865 ~ 0.868