Chinastandards.org

CCS X 40

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB 1886.165-2015

National Food Safety Standard -- Food Additives -- Methyl-3-hexenyl acetate butyrate

食品安全国家标准 食品添加剂 2-甲基丁酸 3-己烯酯

(English Translation)

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

Issued by: National Health and Family Planning Commission of the People's Republic of China

Preview: page 1 of 2 shown, 3 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-1886-165-2015

Chinastandards.org

Table of Contents

1 Scope

2 Chemical name, molecular formula, molecular mass and structural formula

2.1 Chemical Name

2.3 Formula

2.4 Relative molecular mass

3 Technical requirements

3.1 Sensory requirements

3.2 Physical and Chemical Indicators

1 Scope

This standard applies to food additives, 2-methyl-3-hexenyl acetate butyrate.

2.1 Chemical Name

2-methyl-3-hexenyl acetate butyrate Formula 2.2 C11H20O2

2.4 Relative molecular mass

184.28 (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 Intense aroma of fruit, unripe apple-like aroma the sample was placed in a cuvette, were visually observed 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 2-methyl-3-hexenyl acetate butyrate content, w /% >= 98.0 (cis and trans isomers) GB/T 11538 Refractive index (20 °C) 1.428 ~ 1.434 GB/T 14454.4 the relative density (25 °C/25 °C) 0.876 ~ 0.880 GB/T 11540 5102-561 6881

Preview: page 2 of 2 shown, 3 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-1886-165-2015