



Specification

Product Description:

Item: Vanillin

CAS No.: 121-33-5

Formula: $C_8H_8O_3$

Molar mass: $152.15 \text{ g} \cdot \text{mol}^{-1}$

Standard: It conforms to EP 10.0 standard, etc.

Appearance: White or slightly yellowish crystalline powder or needles

Specification

Items	Standards
Appearance	White or slightly yellowish crystalline powder or needles
Appearance of solution	The solution is clear and not more intensely coloured than reference solution B ₆
Infrared identity	Conform to standard spectrum.
Thin-layer chromatography	Conform to standard spectrum.
Chromogenic reaction	Conform to standard spectrum.
Reaction with sulfuric acid	Conform to standard spectrum.
Melting range	81-84°C
Solubility	Slightly soluble in water, freely soluble in alcohol and in Methanol. It dissolves in dilute solutions of alkali hydroxides.
Related substances	≤0.5%
Loss in drying	≤1.0%
Sulfated ash	≤0.05%
Assay	99.0-101.0%

Package

25kg/drum



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Storage and shelf life

Store in well-ventilated cool and dry place, away from light and heat, away from other aroma products.

The shelf life is 36 months.