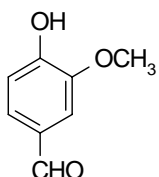


Vanillin

A) Description:

Product : Vanillin

CAS No. : [121-33-5]

Structure : 

Synonym : 4-hydroxy-3-methoxybenzaldehyde

Empirical formula : C₈H₁₀O₃

Molecular weight : 152.2

B) Specifications:

Sr. No.	Test	Specifications
1)	Appearance	White to off-white crystalline powder
2)	Loss on drying	≤0.1 %
3)	Colour (sulphuric acid)	Matches with reference
4)	Melting point	81°C to 83°C
5)	Heavy metals 1. Lead 2. Arsenic	≤10 ppm ≤3 ppm
6)	Assay, (HPLC)	≥ 99.9 %
7)	Sulphated ash	≤0.05 %
8)	Odour	Typical vanilla odour

C) Other standards:

Vanillin is compliant to European Pharmacopoeia, US Pharmacopoeia NF and Food chemical codex.

D) Uses:

Vanillin is used in the following products

- Ice creams and dairy products
- Biscuits and cakes
- Beverages
- Perfumery and Cosmetics.