

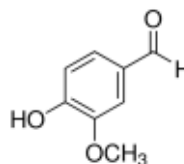
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Product Specification

Product Name:
Vanillin - ReagentPlus[®], 99%

Product Number: **V1104**
CAS Number: 121-33-5
MDL: MFCD00006942
Formula: C₈H₈O₃
Formula Weight: 152.15 g/mol



TEST

Specification

Appearance (Color)	White to Faint Yellow
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength	344 - 350 nm
C = 0.005 g/l; 0.01 N NaOH (pH 12.3)	
Extinction Coefficient	≥ 24000
Wavelength	245 - 251 nm
Extinction Coefficient	≥ 8000
Carbon	62.2 - 64.1 %
Purity (GC)	≥ 98.5 %
Solubility (Turbidity)	Clear
C = 50 mg/ml (5%); Ethanol	
Solubility (Color)	Colorless to Very Faint Yellow

Specification: PRD.1.ZQ5.10000028310

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.