

Certificate of Analysis

Date of Testing: 2023-11-07 15:17:37
 Date of Next Testing: 2025-10-27 15:17:37
 Product Name: **Vanillin**
 CAS Number: 121-33-5
 Specifications & Purity: reagent grade,99%
 Lot #: B2210473
 SKU #: **V100115**
Analysis: **292904**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	80.5-83.5 (°C)	83.25000 °C
Extinction Coefficient(344 - 350 nm,C = 0.005 g/l; 0.01 N Na	≥24000	25804.64
Carbon by Elemental Analysis	62.2-64.1 (%)	64.02 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.87 %
Extinction Coefficient(245 - 251 nm)	≥8000	8221.95
Purity(GC)	99-100 (%)	99.06 %
Appearance (V100115)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear,Colorless to Very Faint Yellow,50 mg/ml (5%)	pass	Pass



John Su
QA & QC Manager