

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-11 19:00:29
Date of Next Testing: 2028-04-30 19:00:29
Product Name: **Vanillin**
CAS Number: 121-33-5
Specifications & Purity: AR, ≥99%
Lot #: D2627107
SKU #: **V100115**
Version: **1**
Analysis #: **705360**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	80.5-83.5 (°C)	82.00000 °C
Carbon by Elemental Analysis	62.2-64.1 (%)	62.60000 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.05100 %
Purity(GC)	99-100 (%)	99.35000 %
Extinction Coefficient(245 - 251 nm, C = 0.005 g/l; 0.01 N NaOH(pH 12.3))	≥8000	9332.00000
Extinction Coefficient(344 - 350 nm, C = 0.005 g/l; 0.01 N NaOH (pH 12.3))	≥24000	26421.30000
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