

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-11-27 11:10:10
Date of Next Testing:	2026-11-17 11:10:10
Product Name:	Vanillin
CAS Number:	121-33-5
Specifications & Purity:	AR, ≥99%
Lot #:	K2426214
SKU #	V100115
Version	1
Analysis #:	363495
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.2-64.1 (%)	63.25 %
Purity(Neutralization titration)	98.5-101.5 (%)	98.60 %
Purity(GC)	99-100 (%)	99.41 %
Extinction Coefficient(245 - 251 nm, C = 0.005 g/l; 0.01 N NaOH(pH 12.3))	≥8000	8976.85000
Extinction Coefficient(344 - 350 nm,C = 0.005 g/l; 0.01 N NaOH (pH 12.3))	≥24000	25865.50000
Melting point	80.5-83.5 (°C)	83.47000 °C
Appearance (V100115)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in EtOH , Clear,Colorless to Very Faint Yellow,50 mg/ml (5%)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager