

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-09-20 14:36:13
Date of Next Testing:	2026-09-10 14:36:13
Product Name:	Vanillin
CAS Number:	121-33-5
Specifications & Purity:	reagent grade,99%
Lot #:	L2217051
SKU #	V100115
Version	1
Analysis #:	413349
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Melting point	80.5-83.5 (°C)	82.84800 °C
Carbon by Elemental Analysis	62.2-64.1 (%)	63.45 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.97 %
Purity(GC)	99-100 (%)	99.09 %
Extinction Coefficient(245 - 251 nm, C = 0.005 g/l; 0.01 N NaOH(pH 12.3))	≥8000	8287.31912
Extinction Coefficient(344 - 350 nm,C = 0.005 g/l; 0.01 N NaOH (pH 12.3))	≥24000	25189.27560
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