

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-22 17:04:42
Date of Next Testing: 2026-10-21 17:04:42
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: for spectroscopy, ≥99.8%
Lot #: J2220123
SKU #: **A104444**
Analysis: **147627**

Parameter	Limit Values	Result
Color Test	0-10	8.20
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
UV Absorbance 193nm	0-1	0.87
Density (20°C)	0.781-0.785	0.78
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.91 ppb
Assay	99.8-100 (%)	99.89%
Acidity	0-0.0005 (mg/g)	0.00 mg/g
Evaporation Residue	0-0.0005 (%)	0.00%
Refractive index n ₂₀ /D	1.343-1.346	1.35
UV Absorbance 250nm	0-0.01	0.01
UV Absorbance 220nm	0-0.1	0.09
UV Absorbance 400nm	0-0.01	0.01
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.90%
UV Absorbance 235nm	0-0.02	0.02
UV Absorbance 210nm	0-0.3	0.25



John Su
QA & QC Manager