

Certificate of Analysis

Date of Testing: 2022-07-06 12:52:23
Date of Next Testing: 2026-07-05 12:52:23
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: for spectroscopy, ≥99.8%
Lot #: G2203010
SKU #: **A104444**
Analysis: **109282**

Parameter	Limit Values	Result
Color Test	0-10	4.60
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
UV Absorbance 193nm	0-1	0.41
Density (20°C)	0.781-0.785	0.78
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.80 ppb
Assay	99.8-100 (%)	99.99%
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	1.34
UV Absorbance 250nm	0-0.01	0.01
UV Absorbance 220nm	0-0.1	0.07
UV Absorbance 400nm	0-0.01	0.00
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.40%
UV Absorbance 235nm	0-0.02	0.02
UV Absorbance 210nm	0-0.3	0.12



John Su
QA & QC Manager