

Certificate of Analysis

Date of Testing: 2023-10-12 09:54:51
Date of Next Testing: 2027-10-11 09:54:51
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: for spectroscopy, ≥99.8%
Lot #: J2307161
SKU #: **A104444**
Analysis: **217511**

Parameter	Limit Values	Result
Color Test	0-10	0.00
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
UV Absorbance 193nm	0-1	0.61
Density (20°C)	0.781-0.785	0.78
Assay	99.8-100 (%)	99.89%
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	0.08
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 210nm	0-0.3	0.11
Acidity	0-0.0002 (eq/kg)	0.00000 eq/kg
UV Absorbance 235nm	0-0.02	0.02
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.98 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.97 ppb



John Su
QA & QC Manager