

## Certificate of Analysis

Date of Testing: 2024-01-18 10:46:34  
 Date of Next Testing: 2028-01-17 10:46:34  
 Product Name: **Acetonitrile**  
 CAS Number: 75-05-8  
 Specifications & Purity: for spectroscopy, ≥99.8%  
 Lot #: A2415035  
 SKU #: **A104444**  
**Analysis: 310892**

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	0.15
Density (20°C)	0.781-0.785	0.78
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.53 ppb
Assay	99.8-100 (%)	99.85 %
Evaporation Residue	0-0.0005 (%)	0.00 %
Refractive index n20/D	1.343-1.346	1.34
UV Absorbance 250nm	0-0.01	0.01
UV Absorbance 220nm	0-0.1	0.02
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 235nm	0-0.02	0.01
UV Absorbance 210nm	0-0.3	0.03
Acidity	0-0.0002 (eq/kg)	0.00000 eq/kg
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.22 ppb



John Su  
 QA & QC Manager