

Certificate of Analysis

Date of Testing: 2023-05-22 16:56:40
 Date of Next Testing: 2027-05-21 16:56:40
 Product Name: **Acetonitrile**
 CAS Number: 75-05-8
 Specifications & Purity: for spectroscopy, ≥99.8%
 Lot #: E2317059
 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