

Certificate of Analysis

Date of Testing: 2023-10-11 15:45:33
Date of Next Testing: 2027-10-10 15:45:33
Product Name: **anhydrous Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: 99.8%,H2O: ≤0.005%
Lot #: I2328061
SKU #: **A119013**
Analysis: **277638**

| Parameter | Limit Values | Result |
|--|---------------------|---------------------|
| Titrateable Alkalinity | 0-0.2 (eq/kg) | 0.00 eq/kg |
| Non-volatile matter | 0-2 (mg/L) | 0.00 mg/L |
| hydrocyanic acid | 0-5 (ppm) | 0.00 ppm |
| Titrateable Acid | 0-0.5 (eq/kg) | 0.00 eq/kg |
| Refractive index n ₂₀ /D | 1.343-1.346 | 1.34 |
| Purity(GC) | 99.8-100 (%) | 99.99% |
| Water by Karl Fischer | 0-50 (ppm) | 49.00 ppm |
| Density (20°C) | 0.781-0.785 | 0.78 |
| Appearance (A119013) | Colorless liquid | Colorless liquid |
| Potassium permanganate reducing substances | Pass | Pass |
| Solubility in H ₂ O | Almost transparency | almost transparency |



John Su
QA & QC Manager