

Certificate of Analysis

Date of Testing: 2023-09-16 11:41:27
Date of Next Testing: 2027-09-15 11:41:27
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: Isochromatic grade, $\geq 99.9\%$
Lot #: I2313164
SKU #: **A491190**
Analysis: **277018**

| Parameter | Limit Values | Result |
|-----------------------|------------------------|------------------------|
| Purity(GC) | 99.9-100 (%) | 99.97% |
| Evaporation Residue | ≤ 4.0 (mg/L) | 0.00 mg/L |
| Water by Karl Fischer | ≤ 0.05 (%) | 0.03 % |
| Acidity | ≤ 0.008 (eq/kg) | 0.00000 eq/kg |
| Alkalinity Content | ≤ 0.0006 (meq/g) | 0.00000 eq/kg |
| UV absorbance 190nm | ≤ 1 (AU) | 0.54400 AU |
| UV absorbance 200nm | ≤ 0.05 (AU) | 0.04900 AU |
| UV absorbance 210nm | ≤ 0.04 (AU) | 0.02600 AU |
| UV absorbance 220nm | ≤ 0.02 (AU) | 0.01600 AU |
| UV absorbance 230nm | ≤ 0.01 (AU) | 0.01000 AU |
| UV absorbance 254nm | ≤ 0.005 (AU) | 0.00400 AU |
| UV absorbance 400nm | ≤ 0.005 (AU) | 0.00000 AU |
| Appearance(A491190) | Clear Colorless Liquid | Clear Colorless Liquid |



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