

## Certificate of Analysis

Date of Testing: 2025-01-13 13:08:58

Date of Next Testing: 2029-01-12 13:08:58

Product Name: **Acetonitrile**

CAS Number: 75-05-8

Specifications & Purity: Chromatographic grade, UltraPureChrom™, ≥99.9%

Lot #: B2522200

SKU #: **A104440**

Version: **3**

Analysis #: **458533**

| Parameter             | Limit Values           | Result                 |
|-----------------------|------------------------|------------------------|
| Purity(GC)            | 99.9-100 (%)           | 99.96 %                |
| Water by Karl Fischer | <=0.05(%)              | 0.00 %                 |
| Evaporation Residue   | ≤ 4.0 (mg/L)           | 0.00 mg/L              |
| Transmission 200 nm   | ≥ 90 (%)               | 99.80 %                |
| Transmission 240 nm   | ≥ 98 (%)               | 100.00 %               |
| Transmission 195nm    | ≥ 70 (%)               | 88.00000 %             |
| Acidity               | ≤ 0.0005 (eq/kg)       | 0.00000 eq/kg          |
| Alkalinity Content    | ≤ 0.0002(eq/kg)        | 0.00000 eq/kg          |
| Appearance (A104440)  | Clear Colorless Liquid | Clear Colorless Liquid |
| Infrared spectrum     | Conforms to Structure  | Conforms to Structure  |



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