

## Certificate of Analysis

Date of Testing: 2023-01-10 10:14:47

Date of Next Testing: 2027-01-09 10:14:47

Product Name: **Acetonitrile**

CAS Number: 75-05-8

Specifications & Purity: for HPLC,  $\geq 99.9\%$

Lot #: A2304074

SKU #: **A104440**

**Analysis: 170749**

| Parameter             | Limit Values           | Result                 |
|-----------------------|------------------------|------------------------|
| Water by Karl Fischer | $\leq 0.05$ (%)        | 0.00 %                 |
| Purity(GC)            | 99.9-100 (%)           | 99.92 %                |
| Acidity               | $\leq 0.0005$ (eq/kg)  | 0.00000 eq/kg          |
| Alkalinity Content    | $\leq 0.0002$ (eq/kg)  | 0.00000 eq/kg          |
| Evaporation Residue   | $\leq 4.0$ (mg/L)      | 0.00 mg/L              |
| Transmission 200 nm   | $\geq 90$ (%)          | 93.10 %                |
| Transmission 240 nm   | $\geq 98$ (%)          | 99.10 %                |
| Transmission 195nm    | $\geq 70$ (%)          | 84.00000 %             |
| Appearance (A104440)  | Clear Colorless Liquid | Clear Colorless Liquid |
| Infrared spectrum     | Conforms to Structure  | Conforms to Structure  |



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