

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-03 17:58:44

Date of Next Testing: 2030-02-02 17:58:44

Product Name: **anhydrous Acetonitrile(ACN)**

CAS Number: 75-05-8

Specifications & Purity:  $\geq 99.8\%$ ,  $H_2O \leq 0.005\%$

Lot #: A2630244

SKU #: **A119013**

Version: **0**

Analysis #: **632568**

Storage Temperature: Room temperature

| Parameter                                  | Limit Values        | Result              |
|--------------------------------------------|---------------------|---------------------|
| Titratable Alkalinity                      | 0-0.2 (eq/kg)       | 0.00000 eq/kg       |
| Non-volatile matter                        | 0-2 (mg/L)          | 0.00000 mg/L        |
| hydrocyanic acid                           | 0-5 (ppm)           | 0.00000 ppm         |
| Titrate Acid                               | 0-0.5 (eq/kg)       | 0.00000 eq/kg       |
| Refractive index n <sub>20/D</sub>         | 1.343-1.346         | 1.34390             |
| Purity(GC)                                 | 99.8-100 (%)        | 99.99000 %          |
| Water by Karl Fischer                      | 0-50 (ppm)          | 38.00000 ppm        |
| Density (20°C)                             | 0.781-0.785         | 0.78300             |
| Appearance (A119013)                       | Colorless liquid    | Colorless liquid    |
| Potassium permanganate reducing substances | Pass                | Pass                |
| Solubility in H <sub>2</sub> O             | Almost transparency | almost transparency |



John Su  
QA & QC Manager