

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-28 08:52:41

Date of Next Testing: 2029-06-27 08:52:41

Product Name: **Acetonitrile(ACN)**

CAS Number: 75-05-8

Specifications & Purity: PureSpectra™, Spectrum pure, ≥99.8%

Lot #: F2525191

SKU #: **A104444**

Version **5**

Analysis #: **530893**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Color Test                          | 0-10                  | 0.00                  |
| Acidity/alkalinity                  | 0-0.0002 (mg/g)       | 0.00 mg/g             |
| UV Absorbance 193nm                 | 0-1                   | 0.17                  |
| Assay                               | 99.8-100 (%)          | 99.98 %               |
| Evaporation Residue                 | 0-0.0005 (%)          | 0.00 %                |
| Refractive index n <sub>20</sub> /D | 1.343-1.346           | 1.34                  |
| Absorbance (at 250 nm)              | 0-0.01                | 0.00                  |
| UV Absorbance 220nm                 | 0-0.1                 | 0.01                  |
| UV Absorbance 400nm                 | 0-0.01                | 0.00                  |
| Fluorescence (quinine) at 254 nm    | 0-1 (ppb)             | 0.00 ppb              |
| UV Absorbance 235nm                 | 0-0.02                | 0.00                  |
| UV Absorbance 210nm                 | 0-0.3                 | 0.01                  |
| Acidity                             | 0-0.0002 (eq/kg)      | 0.00000 eq/kg         |
| Fluorescence (quinine) at 365 nm    | 0-1 (ppb)             | 0.00 ppb              |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager