

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-06 09:43:40  
Date of Next Testing: 2029-05-05 09:43:40  
Product Name: **anhydrous Acetonitrile(ACN)**  
CAS Number: 75-05-8  
Specifications & Purity: anhydrous,  $\geq 99.8\%$ ,  $H_2O \leq 0.003\%$   
Lot #: D2530068  
SKU #: **A119012**  
Version: **1**  
Analysis #: **500569**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color scale	0-10 (%)	0.00000 %
Refractive index n <sub>20</sub> /D	1.343-1.346	1.34398
Titration Acid	0-0.5 (eq/kg)	0.00000 eq/kg
hydrocyanic acid	0-5 (ppm)	0.00000 ppm
Non-volatile matter	0-2 (mg/L)	0.00000 mg/L
Titration Alkalinity	0-0.2 (eq/kg)	0.00000 eq/kg
Purity(GC)	99.8-100 (%)	99.99000 %
Water by Karl Fischer	0-0.003 (%)	0.00290 %
Appearance (A119012)	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