

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-26 13:29:31

Date of Next Testing: 2029-07-25 13:29:31

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

CAS Number: 75-05-8

Specifications & Purity: anhydrous, $\geq 99.8\%$, $H_2O \leq 0.003\%$

Lot #: G2524463

SKU # **A119012**

Version **1**

Analysis #: **545845**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color scale	0-10 (%)	5.00000 %
Refractive index n _{20/D}	1.343-1.346	1.34395
Titration Acid	0-0.5 (eq/kg)	0.10200 eq/kg
hydrocyanic acid	0-5 (ppm)	0.10500 ppm
Non-volatile matter	0-2 (mg/L)	0.03250 mg/L
Titration Alkalinity	0-0.2 (eq/kg)	0.10500 eq/kg
Purity(GC)	99.8-100 (%)	99.96000 %
Water by Karl Fischer	0-0.003 (%)	0.00300 %
Appearance (A119012)	Colorless liquid	Colorless liquid
Potassium permanganate reducing substances	Pass	Pass
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager