

Certificate of Analysis

Date of Testing: 2025-01-15 16:12:45
Date of Next Testing: 2029-01-14 16:12:45
Product Name: **anhydrous Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: anhydrous, $\geq 99.8\%$, $H_2O \leq 0.003\%$
Lot #: A2514633
SKU #: **A119012**
Version: **1**
Analysis #: **455320**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.003 (%)	0.00 %
Color scale	0-10 (%)	5.00 %
Refractive index n ₂₀ /D	1.343-1.346	1.34
Titration Acid	0-0.5 (eq/kg)	0.25 eq/kg
hydrocyanic acid	0-5 (ppm)	2.50 ppm
Non-volatile matter	0-2 (mg/L)	1.00 mg/L
Titration Alkalinity	0-0.2 (eq/kg)	0.10 eq/kg
Purity(GC)	99.8-100 (%)	99.84 %
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