

Certificate of Analysis

Date of Testing: 2024-11-09 14:15:34

Date of Next Testing: 2028-11-08 14:15:34

Product Name: **anhydrous Acetonitrile**

CAS Number: 75-05-8

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

Lot #: K2405201

SKU #: **A119012**

Version: **1**

Analysis #: **427057**

Parameter	Limit Values	Result
Color scale	0-10 (%)	5.00 %
Refractive index n ₂₀ /D	1.343-1.346	1.34
Titration Acid	0-0.5 (eq/kg)	0.01 eq/kg
hydrocyanic acid	0-5 (ppm)	0.00 ppm
Non-volatile matter	0-2 (mg/L)	0.00 mg/L
Titration Alkalinity	0-0.2 (eq/kg)	0.00 eq/kg
Purity(GC)	99.8-100 (%)	99.96 %
Water by Karl Fischer	0-0.003 (%)	0.00 %
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