

Certificate of Analysis

Date of Testing: 2025-02-07 14:43:50
Date of Next Testing: 2029-02-06 14:43:50
Product Name: **anhydrous Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: $\geq 99.8\%$, $H_2O \leq 0.005\%$
Lot #: A2521141
SKU #: **A119013**
Version: **0**
Analysis #: **460852**

Parameter	Limit Values	Result
Titratable Alkalinity	0-0.2 (eq/kg)	0.20 eq/kg
Non-volatile matter	0-2 (mg/L)	2.00 mg/L
hydrocyanic acid	0-5 (ppm)	5.00 ppm
Titrate Acid	0-0.5 (eq/kg)	0.50 eq/kg
Refractive index n ₂₀ /D	1.343-1.346	1.34
Purity(GC)	99.8-100 (%)	99.99 %
Water by Karl Fischer	0-50 (ppm)	13.00 ppm
Density (20°C)	0.781-0.785	0.78
Appearance (A119013)	Colorless liquid	Colorless liquid
Potassium permanganate reducing substances	Pass	Pass
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager