

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-06-26 14:29:25
Date of Next Testing: 2027-05-26 14:29:25
Product Name: **anhydrous Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: 99.8%,H₂O: ≤0.005%
Lot #: F2310020
SKU #: **A119013**
Analysis: **225305**

Parameter	Limit Values	Result
Titratable Alkalinity	0-0.2 (eq/kg)	0.12500 eq/kg
Non-volatile matter	0-2 (mg/L)	1.08000 mg/L
hydrocyanic acid	0-5 (ppm)	1.28000 ppm
Titrate Acid	0-0.5 (eq/kg)	0.23600 eq/kg
Refractive index n ₂₀ /D	1.343-1.346	1.34384
Purity(GC)	99.8-100 (%)	99.89000 %
Water by Karl Fischer	0-50 (ppm)	44.00000 ppm
Density (20°C)	0.781-0.785	0.78300
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