

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-12 13:20:36
 Date of Next Testing: 2029-02-11 13:20:36
 Product Name: **N-Ethylmorpholine**
 CAS Number: 100-74-3
 Specifications & Purity: for protein sequencing, ≥99.5%(GC)
 Lot #: E2113289
 SKU #: **E104659**
 Version: **2**
 Analysis #: **469466**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.93500 %
Iron(Fe)	0-5 (ppm)	2.98000 ppm
(Pb)Lead	0-5 (ppm)	2.98000 ppm
Cadmium(Cd)	0-5 (ppm)	2.98000 ppm
Nickel(Ni)	0-5 (ppm)	3.09000 ppm
Refractive index n20/D	1.441-1.442	1.44150
Chromium(Cr)	0-5 (ppm)	3.19800 ppm
Chloride (Cl-)	0-50 (ppm)	3.19800 ppm
Cobalt(Co)	0-5 (ppm)	3.09800 ppm
Calcium(Ca)	0-10 (ppm)	3.09800 ppm
Potassium(K)	0-50 (ppm)	31.19800 ppm
Manganese(Mn)	0-5 (ppm)	2.89000 ppm
Magnesium(Mg)	0-5 (ppm)	3.09800 ppm
Sulfate(SO42-)	0-50 (ppm)	34.99600 ppm
Sodium(Na)	0-50 (ppm)	29.98000 ppm
Copper(Cu)	0-5 (ppm)	2.78000 ppm
Zinc(Zn)	0-5 (ppm)	2.98000 ppm
Suitability,suitable for protein sequencing	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager