

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-25 13:27:09  
Date of Next Testing: 2025-09-25 13:27:09  
Product Name: **4-Acryloylmorpholine**  
CAS Number: 5117-12-4  
Specifications & Purity: Electronic grade,99.9999% metals basis  
Lot #: I2420083  
SKU #: **A299430**  
Version: **0**  
Analysis #: **414712**  
Storage Temperature: Store at 2-8°C,Protected from light

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1 (ppm)	0.50 ppm
Purity(GC)	98-100 (%)	99.27 %
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	100.00 %
Appearance (A299430Color)	Colorless to Yellow	Colorless to Yellow
Appearance (A299430Form)	Liquid	Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager