

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-22 15:04:34
Date of Next Testing: 2025-10-22 15:04:34
Product Name: **4-Acryloylmorpholine**
CAS Number: 5117-12-4
Specifications & Purity: PrimorTrace™ Ultra, electronic grade, ≥99.9999% metals basis
Lot #: G2214393
SKU #: **A299430**
Version: **0**
Analysis #: **418413**
Storage Temperature: Store at 2-8°C, Protected from light

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Total Metallic Impuritie | 0-1 (ppm) | 0.54 ppm |
| Purity(GC) | 98-100 (%) | 99.32 % |
| 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