

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-18 11:53:10

Date of Next Testing: 2027-07-17 11:53:10

Product Name: **4-Acryloylmorpholine**

CAS Number: 5117-12-4

Specifications & Purity:  $\geq 98\%$ (GC), stabilized with MEHQ

Lot #: G2308432

SKU #: **A151729**

Version: **0**

Analysis #: **246318**

Storage Temperature: Store at 2-8°C

| Parameter                           | Limit Values                                 | Result                                       |
|-------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(GC)                          | 98-100 (%)                                   | 99.16500 %                                   |
| Refractive index n <sub>20</sub> /D | 1.509-1.513                                  | 1.51160                                      |
| Appearance (A151729)                | colorless to light yellow transparent liquid | colorless to light yellow transparent liquid |
| Proton NMR spectrum                 | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager