

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-04 15:20:48

Date of Next Testing: 2029-01-03 15:20:48

Product Name: **(5R)-5-phenylmorpholin-2-one**

CAS Number: 121269-45-2

Specifications & Purity:  $\geq 97\%$

Lot #: L2525504

SKU #: **P627445**

Version: **2**

Analysis #: **601302**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Purity(NMR)                                     | 97-100 (%)            | 99.18000 %            |
| Specific rotation $[\alpha]_{20/D}(C=1.0, DCM)$ | -111~-107 (°)         | -107.52000 °          |
| NMR Spectrum 1H                                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager