

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-31 15:12:58

Date of Next Testing: 2028-12-30 15:12:58

Product Name: **(2R)-1,2-dimethylpiperazine**

CAS Number: 623586-02-7

Specifications & Purity:  $\geq 97\%$

Lot #: C2301085

SKU #: **R176969**

Version: **1**

Analysis #: **630233**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter            | Limit Values          | Result                |
|----------------------|-----------------------|-----------------------|
| Purity(GC)           | 97-100 (%)            | 99.13000 %            |
| Enantiometric Excess | 98-100 (%)            | 98.00000 %            |
| Appearance(R176969)  | colorless liquid      | Colorless liquid      |
| NMR Spectrum 1H      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager