

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-23 15:18:19

Date of Next Testing: 2026-10-22 15:18:19

Product Name: **(S)-Piperidin-3-ol**

CAS Number: 24211-55-0

Specifications & Purity:  $\geq 97\%$

Lot #: J2313160

SKU #: **S588362**

Version: **1**

Analysis #: **278360**

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

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -12.6 ~ -8.6 (°)      | -9.26000 °            |
| Purity(HPLC area)                                        | 97-100 (%)            | 99.74700 %            |
| LC-MS for identification                                 | Conforms              | Conforms              |
| NMR Spectrum 1H                                          | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager