

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Date of Testing:         | 2023-02-14 17:28:36                                              |
| Date of Next Testing:    | 2024-02-14 17:28:36                                              |
| Product Name:            | (1R,2R)-1,2-bis(4-chlorophenyl)-N1,N2-dimethylethane-1,2-diamine |
| CAS Number:              | 2444430-59-3                                                     |
| Specifications & Purity: | ≥97%(HPLC), ≥99%(ee)                                             |
| Lot #:                   | B2308770                                                         |
| SKU #                    | R407367                                                          |
| Version                  | 1                                                                |
| Analysis #:              | 168348                                                           |
| Storage Temperature:     | Store at 2-8°C, Desiccated                                       |

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC area)   | 97-100 (%)            | 99.90000 %            |
| Enantiomeric Excess | 99-100 (%)            | 99.80000 %            |
| NMR Spectrum 1H     | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager