

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-22 13:38:39  
 Date of Next Testing: 2026-11-22 13:38:39  
 Product Name: **Methyldopa Sesquihydrate**  
 CAS Number: 41372-08-1  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: K2419528  
 SKU #: **M129977**  
 Version: **1**  
 Analysis #: **435468**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                                       | Limit Values              | Result                    |
|-----------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                    | 98-100 (%)                | 100.00000 %               |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in H <sub>2</sub> O) | -14.5--12.5 (°)           | -13.30900 °               |
| Water by Karl Fischer                                           | 10-12 (%)                 | 11.53300 %                |
| Appearance (M129977)                                            | White to Off-White Powder | White to Off-White Powder |
| Solubility in hot H <sub>2</sub> O                              | almost transparency       | almost transparency       |
| Infrared spectrum                                               | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager