

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-09 09:21:03

Date of Next Testing: 2026-07-09 09:21:03

Product Name: **D-Cycloserine**

CAS Number: 68-41-7

Specifications & Purity: Moligand™, ≥98%

Lot #: G2503045

SKU #: **C108718**

Version: **1**

Analysis #: **539789**

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

| Parameter                                                       | Limit Values              | Result                    |
|-----------------------------------------------------------------|---------------------------|---------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) | 110-130 (°)               | 111.10000 °               |
| Nitrogen by Elemental Analysis                                  | 26.4-27.9 (%)             | 27.40000 %                |
| Purity(HPLC)                                                    | 98-100 (%)                | 99.80000 %                |
| Carbon by Elemental Analysis                                    | 34.6-36 (%)               | 35.20000 %                |
| Appearance (C108718)                                            | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                             | Conforms to structure     | Conforms to Structure     |



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QA & QC Manager