

Certificate of Analysis

Date of Testing: 2023-09-02 15:22:20
Date of Next Testing: 2024-09-01 15:22:20
Product Name: **D-Cycloserine**
CAS Number: 68-41-7
Specifications & Purity: 98%
Lot #: H2322245
SKU #: **C108718**
Analysis: **270752**
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) | 110-130 (°) | 110.30° |
| Nitrogen by Elemental Analysis | 26.4-27.9 (%) | 27.23% |
| Purity(HPLC) | 98-100 (%) | 99.96000% |
| Carbon by Elemental Analysis | 34.6-36 (%) | 35.11% |
| 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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