

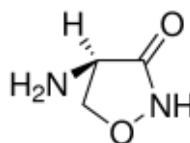
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Product Specification

Product Name:
D-Cycloserine

Product Number: **C6880**
CAS Number: 68-41-7
MDL: MFCD00005353
Formula: C₃H₆N₂O₂
Formula Weight: 102.09 g/mol
Storage Temperature: -20 °C

**TEST****Specification**

| | |
|--|--------------------------------|
| Appearance (Color) | White to Off-White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless to Very Faint Yellow |
| Solubility (Turbidity) | Clear |
| 50 mg/mL, H ₂ O | |
| Infrared spectrum | Conforms to Structure |
| Carbon | 34.6 - 36.0 % |
| Nitrogen | 26.4 - 27.9 % |
| Specific Rotation | 110 - 120 ° |
| (C = 1 g/100 mL in H ₂ O at 25 deg C) | |
| Purity (TLC) | ≥ 98 % |
| Recommended Retest Period | ----- |
| 4 years | |

Specification: PRD.1.ZQ5.10000033752

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.