



## Specification

### D-Cycloserine

**CAS Number:** 68-41-7  
**Molecular Formula:**  $C_3H_6N_2O_2$   
**Molecular Weight:** 102.1  
**Storage:** 2-8°C

Test	Specification
Appearance:	White to pale yellowish crystalline powder
Identification:	A blue color gradually develops
Specific Rotation:	+108 - +114 °
Polymer (285nm):	≤ 0.80
Crystallinity:	Should Comply
pH:	5.5 - 6.5
Loss on Drying:	≤ 1.0 %
Residue on Ignition:	≤ 0.50 %
Methanol:	≤ 0.30 %
Ethyl Acetate:	≤ 0.50 %
Ethanol:	≤ 0.5 %
Acetone:	≤ 0.50 %
Acetic Acid:	≤ 0.50 %
Assay:	≥ 90.0 %

Approved:

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