

4207 – D-CYCLOSERINE

REF NO: TBL/QA/SS/LC/4207	STANDARD SPECIFICATION FOR D-CYCLOSERINE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2025
Issue Date: 27/10/2022		Product code: 4207

PRODUCT PROPERTIES

C.A.S Number	68-41-7
Chemical Formula	C ₃ H ₆ N ₂ O ₂
Formula weight	102.09
Functional Uses	D-Cycloserine (DCS) has been used to determine its minimum inhibitory concentration (MIC) on 48 multidrug resistant tuberculosis (MDR-TB) isolates using the broth microdilution method and Cycloserine act as broad-spectrum antibiotic.
Standard Packaging	1 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Nitrogen	26.4 - 27.9 %
Specific Rotation	110 - 120 °
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

