

1130 – L-SERINE 99%+PURITY, CRYSTALLINE

REF NO: TBL/QA/SS/LC/1130	STANDARD SPECIFICATION FOR L-SERINE 99%+PURITY, CRYSTALLINE	Rev. No: 03
Issue No: 04		Review Date: 10/03/2025
Issue Date: 11/03/2022		Product code: 1130

PRODUCT PROPERTIES

C.A.S Number	56-45-1
Chemical Formula	C ₃ H ₇ NO ₃
Formula weight	105.09
Functional Uses	L-Serine has been used as a supplement in a medium to culture Chinese hamster ovary TF 70R cell line and in mouse embryonic fibroblast (MEF)-media.
Standard Packaging	10 gm., 25 gm. & 1 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss On Drying	NMT – 0.2%
Residue On Ignition	NMT – 0.1%
Chloride (Cl)	NMT – 0.005%
Sulfate (SO ₄)	NMT – 0.005%
Assay	NLT – 99.0%

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