

1103– L-ALANINE, 99%+PURITY CRYSTALLINE

REF NO: TBL/QA/SS/LC/1103	STANDARD SPECIFICATION FOR L-ALANINE, 99%+PURITY CRYSTALLINE	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 1103

PRODUCT PROPERTIES

C.A.S Number	56-41-7
Chemical Formula	C ₃ H ₇ NO ₂
Formula weight	89.10
Functional Uses	L-Alanine has been used as a supplement in complete medium for cell culture.
Standard Packaging	25 gm, 100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder, Slightly sweet in taste Freely Soluble in water and formic acid, practically insoluble in ether and alcohol.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 0.1%
Ash	NMT – 0.05%
Assay	NLT – 99.0%

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

