

1145 – L-GLUTAMIC ACID 99%, EXTRA PURE

REF NO: TBL/QA/SS/LC/1145	STANDARD SPECIFICATION FOR L-GLUTAMIC ACID 99%, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 15/11/2024
Issue Date: 16/11/2021		Product code: 1145

PRODUCT PROPERTIES

C.A.S Number	56-86-0
Chemical Formula	C ₅ H ₉ NO ₄
Formula weight	147.13
Functional Uses	L-Glutamic acid is used as a supplement for selection medium.
Standard Packaging	100 gm, & 500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals or powder or solid.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 0.5%
Chloride (Cl)	NMT – 0.3%
Specific rotation ° (c = 10% in 1N HCl, at 20°C)	+30.5° to +32.5°
Assay	NLT – 98.5%

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

