

1111 – L-GLUTAMIC ACID, 99%+CRYSTALLINE AR GRADE

REF NO: TBL/QA/SS/LC/1111	STANDARD SPECIFICATION FOR L-GLUTAMIC ACID, 99%+CRYSTALLINE AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 15/11/2024
Issue Date:16/11/2021		Product code:1111

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 has been used to enhance endogenous acetylcholine over flow.
Standard Packaging	100 gm, 500 gm & 25 Kg

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 – 0.1%
Specific rotation ° (c = 10% in 1N HCl, at 20°C)	+30.5° to +32.5°
Assay	NLT – 99.0%

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

