

1110 – GLYCINE, EXTRA PURE (AMINO ACETIC ACID)

REF NO: TBL/QA/SS/LC/1110	STANDARD SPECIFICATION FOR GLYCINE, EXTRA PURE (AMINO ACETIC ACID)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 1110

PRODUCT PROPERTIES

C.A.S Number	56-40-6
Chemical Formula	C ₂ H ₅ NO ₂
Formula weight	75.07
Functional Uses	Glycine has been used to quench unreacted aldehyde during sample (nuclei) preparation for scanning electron microscope. It has also been used for sample fixation in the process of immunolabeling.
Standard Packaging	100 gm., 500 gm., 5 Kg., 25 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulfate (SO ₄)	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Chloride(Cl)	NMT – 0.005%
Sulphated ash	NMT – 0.1%
Loss on Drying (110°C)	NMT – 0.5%
Assay	NLT – 98.0%

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

