

966 – TRICINE (N-[TRIS (HYDROXYMETHYL) METHYL] GLYCINE)

REF NO: TBL/QA/SS/LC/966	STANDARD SPECIFICATION, FOR TRICINE (N-[TRIS (HYDROXYMETHYL) METHYL] GLYCINE)	Rev. No: 03
Issue No: 04		Review Date: 09/11/2024
Issue Date:10/11/2021		Product code:966

PRODUCT PROPERTIES

C.A.S Number	5704-04-1
Chemical Formula	C ₆ H ₁₃ NO ₅
Formula weight	179.17
Functional Uses	Tricine is used as biological buffer and chemical intermediates.
Standard Packaging	25 gm. & 100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Clear, colorless solution.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.5 M at 25°C)	4.5 – 6.0
Loss on Drying (at 110°C)	NMT – 0.5%
Chloride (Cl)	NMT – 0.05%
Sulphate (SO ₄)	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Ash (as SO ₄)	NMT – 0.05%
Assay	NLT – 99.5%

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

