

4297- TRIS(HYDROXYMETHYL) AMINOMETHANE SULPHATE

REF NO: TBL/QA/SS/LC/4297	STANDARD SPECIFICATION FOR TRIS(HYDROXYMETHYL) AMINOMETHANE SULPHATE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2025
Issue Date: 15/11/2022		Product code: 4297

PRODUCT PROPERTIES

C.A.S Number	6992-38-7
Chemical Formula	$C_4H_{11}NO_3 \cdot 0.5H_2SO_4$
Formula weight	170.17
Functional Uses	Tris (hydroxymethyl) aminomethane sulphate is used for biochemical, microbiological, pharmaceutical and molecular biology purposes as a buffer substance or as a component of buffer solutions.
Standard Packaging	25 gm, 100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour powder.
Clarity (0.5 M in Water at 20°C)	Clear colorless solution

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water	NMT 0.2%
Heavy Metals (as Pb)	NMT- 5 ppm
Chloride	NMT- 50 ppm
Purity	NLT- 99.0%

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

