

183– CHLORAMINE-T (TRIHYDRATE), AR GRADE

REF NO: TBL/QA/SS/LC/183	STANDARD SPECIFICATION FOR CHLORAMINE-T (TRIHYDRATE), AR GRADE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	7080-50-4
Chemical Formula	C ₇ H ₁₃ N ₃ ClNNAO ₅ S
Formula weight	281.69
Functional Uses	Chloramine T trihydrate may be used as an oxidizing agent in the synthesis of 8-chloro-[1,2,4]triazolo[4,3-a]pyrazine derivatives and novel isoxazolines.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to slightly yellow crystals or powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% solution)	8.0 – 10.0
Insoluble matter (5% in ethanol)	NMT – 1.5%
Ortho compounds	Passes Test
Suitability test (For Determination of Bromide)	Passes Test
Assay	NLT – 99.0%

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

