



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Sodium Thiosulfate 5HY

Synonym	: Sodium thiosulphate pentahydrate
CAS No.	: 10102-17-7
Molecular Formula	: Na ₂ S ₂ O ₃ .5H ₂ O
Molecular Weight	: 248.18
Storage Below	: 30°C
Shelf life	: 5 years

Technical Specification

Appearance	: White crystals or powder or pellets or solid
Solubility	: 1000 mg soluble in 1 mL of water
pH (5% in water at 25°C)	: 5.50 - 8.40
Water insoluble matter	: <= 0.005%
Nitrogen compounds (N)	: <= 0.002%
Sulphate & Sulpite (as SO ₄)	: <= 0.1%
Sulphide (S)	: Passes test
Assay (Iodimetry)	: 99.50 - 102.00%