

Sodium Thiosulfate Pentahydrate, AR

Na ₂ S ₂ O ₃ ·5H ₂ O	FW. 248.21	Density = 1.74 g/cm ³
CAS-No.	10102-17-7	Melting Point 48 °C
Code	AR1499	

Specifications

(Meet A.C.S. Specifications)

Description	Colorless crystalline powder	
Assay	99.5 - 101.0%	
pH of 5% solution at 25°C	6.0 - 8.4	
Insoluble matter	0.005%	max.
Nitrogen Compounds (as N)	0.002%	max.
Chloride (Cl)	0.02%	max.
Sulfate and Sulfite (as SO ₄)	0.1%	max.
Sulfide (S)	Passes test	
Heavy metals (as Pb)	0.0005%	max.
Cadmium (Cd)	0.0005%	max.
Calcium (Ca)	0.002%	max.
Cobalt (Co)	0.0005%	max.
Copper (Cu)	0.0005%	max.
Iron (Fe)	0.0005%	max.
Magnesium (Mg)	0.001%	max.
Potassium (K)	0.005%	max.

TN_03-07-2023

S-QC03-AR-P-0347 / RV.00 / Eff.date 10-08-23