



Specification for Sodium Thiosulfate, Pentahydrate, Crystal, Reagent, ACS (S1500)

Item Number	S1500
Item	Sodium Thiosulfate, Pentahydrate, Crystal, Reagent, ACS
CAS Number	10102-17-7
Molecular Formula	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
Molecular Weight	248.19
MDL Number	
Synonyms	Disodium Thiosulfate ; Sodium Hyposulfite

Test	Specification	
	Min	Max
ASSAY ($\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$)	99.5 - 101.0 %	
pH OF A 5% SOLUTION @ 25°C	6.0 - 8.4	
INSOLUBLE MATTER		0.005 %
NITROGEN COMPOUNDS (as N)		0.002 %
SULFATE AND SULFITE (as SO_4)		0.1 %
SULFIDE (S)		TO PASS TEST (lim.about 1 ppm)

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