

# Technical Specification

**PRODUCT : Sodium thiosulfate pentahydrate RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP**

**CODE : 483820**

**MOLECULAR WEIGHT :248,18**

**CAS N° : 10102-17-7**

**FORMULA : Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>.5H<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	Semitransparent crystals
Identification	-	Positive
Appearance of solution	-	Conform
pH sol. 5% at 25°C	-	6.0 - 8.4
pH (10% solution)	-	6.0 - 8.4
Insoluble in water	ppm	<= 50
Total nitrogen	ppm	<= 20
Sulfides	ppm	<= 1
Sulfates and sulfites (SO <sub>4</sub> )	%	<= 0.1
Heavy metals (as Pb)	ppm	<= 10
Assay (iodometric)	%	99.5 - 101.0

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
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