

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01802
Lot Number	002126-2309-196
Product	Sodium thiosulfate pentahydrate

CAS Number	10102-17-7
Molecular Formula	Na ₂ S ₂ O ₃ •5H ₂ O
Molecular Weight	248.18

Appearance	White crystals
Solubility	Clear and colorless solution. Very soluble in water, practically insoluble in alcohol 96%
Elemental Analysis (Theory)	Nitrogen Compounds : < 0.001%
Heavy Metals	< 7 ppm
Sulfur Compounds	Sulfate and sulfite (as SO ₄) : 0.1% Sulfide (S) : To pass test
Cation	Calcium (Ca): No Turbidity Lead (Pb): < 2 mg/kg & < 1 ppm Selenium (Se): <0.002% Arsenic (As): 0.0005%
pH	7.26 (5% solution at 25 °C)
Loss on Drying	32% (40 - 45 °C for 16 hrs)
Insoluble material	< 0.003%
Assay by titration	99.98%
Grade	ACS
Storage	Store at RT
Additional Information	Identification : Passes test

Certificate of Analysis

Catalog Number: 01802

Lot Number: 002126-2309-196

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager