



MP Biomedicals, LLC

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530  
Fax: 440/337-1180  
web: <http://www.mpbio.com>

## Certificate of Analysis

**Product Description:** Sodium Thiosulfate Pentahydrate, ACS  
**Catalog Number:** 191447  
**Lot:** QR13997

**Formula:** Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>·5H<sub>2</sub>O

**CAS #:** 10102-17-7

**Physical Description:** Clear, Colorless Rod-shaped Pellets

**Formula Weight:** 248.17

**Storage:** 15-30°C desiccate

Test	Specification	Result
Purity	99.5 - 101.0%	100.0%
pH (5% aq soln @ 25°C)	6.0 - 8.4	7.2
Insoluble Matter	≤0.005%	<0.005%
Nitrogen Compounds (as N)	≤0.002%	<0.002%
Sulfate and Sulfite (as SO <sub>4</sub> )	≤0.1%	<0.1%
Sulfide (S)	Passes (limit ~1 ppm)	Passes

Calcium: Passes test

Heavy Metals: <0.002%

Assay(anhydrous basis): 99.8%

Recommended Retest Date: 05/01/2019

05/05/2017 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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