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Product Specification

Product Name:

Sodium thiosulfate pentahydrate - puriss., meets analytical specification of Ph. Eur., BP, USP, 99-100.5%

Product Number:

13479

CAS Number:

10102-17-7

MDL:

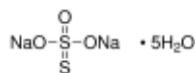
MFCD00149186

Formula:

Na₂O₃S₂ · 5H₂O

Formula Weight:

248.18 g/mol



TEST	Specification
Assay (USP) (dry basis)	99.0 - 100.5 %
Loss on Drying vacuum, 16 hours	32.0 - 37.0 %
pH 20°C, 10%	6.0 - 8.4
Assay (EP)	99.0 - 101.0 %
Sulfate and Sulfite (as SO ₄)	≤ 0.2 %
Sulfide	Complying
Appearance of Solution	Complying
Residual Solvents	Complying
Arsenic (As)	≤ 0.0003 %
Calcium (Ca)	≤ 0.005 %
Iron (Fe)	≤ 0.001 %
Heavy Metals (as Lead)	≤ 0.0005 %
Recommended Retest Period 3 years	-----

Note

Identity, assay and impurities are complying to the monographs of the above mentioned pharmacopeias/codices.

Specification: PRD.2.ZQ5.10000084131

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.