



## Spezifikation

Produktbezug:	
Produktnummer	10102177V01
Handelsname / Bezeichnung	Natriumthiosulfat Pentahydrat 99,5%, ACS
CAS Nummer	10102-17-7
Andere Bezeichnungen / Synonyme	•SODIUM THIOSULFATE; •SODIUM THIOSULFATE, ACS; •SODIUM THIOSULFATE, U.S.P.; •Sodium Thiosulfate, Pentahydrate, Crystal, BiotechGrade; •Sodium Thiosulfate, Pentahydrate, Crystal, FCC; •Sodium Thiosulfate, Pentahydrate, Crystal, Reagent, ACS; •Sodium Thiosulfate, Pentahydrate, Crystal, USP, EP, BP, JP; •Sodium thiosulfate; •Sodium thiosulfate concentrate; •Sodium thiosulfate pentahydrate;
EG Nummer	600-156-5 231-867-5
Zolltarifnummer / CN-Code	28323000
Molekulargewicht [g/mol]	158,11
Formel	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Na <sub>2</sub> O <sub>3</sub> S <sub>2</sub>

Parameter	Specification	Unit
<b>Physikalische Parameter</b>		
Unlösliche Anteile	in H <sub>2</sub> O: ≤ 0,005	%
pH-Wert	(5%) 6,0 – 8,4	
<b>Identifikation</b>		
Gehalt	99,5 – 101,0	%
<b>Verunreinigungen</b>		
Schwermetalle (als Pb)	≤ 0,0005	%
Sulphat (SO <sub>4</sub> )	≤ 0,1	%

## Elementare Verunreinigungen

Calcium (Ca)	≤ 0,002	%
Cadmium (Cd)	≤ 0,0005	%
Chloride (Cl)	≤ 0,02	%
Cobalt (Co)	≤ 0,0005	%
Chrom (Cr)	≤ 0,0005	%
Kupfer (Cu)	≤ 0,0005	%
Eisen (Fe)	≤ 0,0005	%
Kalium (K)	≤ 0,005	%
Magnesium (Mg)	≤ 0,001	%
Mangan (Mn)	≤ 0,0005	%
Stickstoff (N)	≤ 0,002	%
Nickel (Ni)	≤ 0,0005	%
Blei (Pb)	≤ 0,0005	%
Schwefel (S)	≤ 0,0001	%
Zink (Zn)	≤ 0,0005	%

### Zusätzliche Angaben:

**Mindesthaltbarkeit:** 5 Jahre

**Verwendung:** nur für Laborzwecke

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Nov. 2025

LF-Basis: Ch\_251003054 (2025-11-21)

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