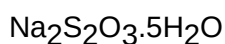


**PRODUCT CODE: 131721****Sodium Thiosulfate 5-hydrate (Reag. USP) for analysis, ACS**



M.= 248,18

CAS [10102-17-7]

EINECS 231-867-5

TARIC 2832 30 00 00

PHYSICAL DATA: crystals, White, Soluble in water 680 g/l at 20 °C Thermal decom. above 45 °C • Hygroscopic • D 1,69 • M.P.: 48 °C • pH6,0 - 8,5 •

BIBLIOGRAPHY: Merck Index **12**, 8.844 13, 8.769 Sax **SKI500** • Römp **8** , **2747** • Fieser **11107 4466 15134** • ACS **XI** • ISO 6353/2-1983R - 36 , 51 • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** •

HAZARDOUS: RTECS: WE 6660000 • LD50 ipr mus 5.600 mg/kg

OBSERVATIONS: Not recommended in areas with a very hot climate •

SPECIFICATIONS:

Assay (Iodom.)	99,5-101,0%
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pH of 5% solution	6,0-8,4
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Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,02%
Nitrogen compounds (as N)	0,002%
Sulfide (S)	0,0001 %
Sulfate and sulfite (as SO ₄)	0,1%
Heavy metals (as Pb)	0,0005%

Ca	0,002	%
Cd	0,0005	%

Co	0,0005	%
Cr	0,0005	%
Cu	0,0005	%
Fe	0,0005	%
K	0,005	%
Mg	0,001	%
Mn	0,0005	%
Ni	0,0005	%
Pb	0,0005	%
Zn	0,0005	%