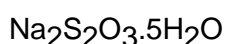




**PRODUCT CODE: 131721**

**Sodium Thiosulfate 5-hydrate (Reag. USP) for analysis, ACS**

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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.**2021** • USP **42** • Ph. Eur. **9.0** (2017) 5.1 , 3009 **10.0** (2020) 5.1 , 3009 • F.C.C **11 12** •

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

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

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**SPECIFICATIONS:**

Assay (Iodom.) 99,5-101,0%

pH of 5% solution 6,0-8,4

**Maximum limit of impurities**

Insoluble matter in H<sub>2</sub>O 0,005 %

Chloride (Cl) 0,02%

Nitrogen compounds (as N) 0,002%

Sulfide (S) 0,0001 %

Sulfate and sulfite (as SO<sub>4</sub>) 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	%