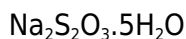


**PRODUCT CODE: 131721****Sodium Thiosulfate 5-hydrate for analysis, ACS**



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.**2018** • USP **41** • Ph. Eur. **8.0** (2014) 5.1 , 3009 **9.0** (2017) 5.1 , 3009 •
F.C.C **10 11** •

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%

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

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	%

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 131721