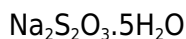


**PRODUCT CODE: 141721****Sodium Thiosulfate 5-hydrate (USP, BP, Ph. Eur.) pure, pharma grade**

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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.**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.)	99,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test
pH of 10 % solution	6,0-8,4

**Maximum limit of impurities**

Appearance of solution	passes test
Loss on drying	32,0-37,0 %
Chloride (Cl)	0,02%
Nitrogen compounds (as N)	0,01%
Sulfide (S)	passes test

Residual solvents (Ph.Eur/USP)	passes test
Sulfate and sulfite (as SO <sub>4</sub> )	0,2%
Heavy metals (as Pb)	0,001%

Ca	passes test
Fe	0,001 %
Mg	0,01 %

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	10 ppm

Class 2B

Tl	0,8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	10 ppm
Sn	600 ppm
Cr	25 ppm