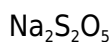
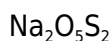


**PRODUCT CODE: 141698****Sodium Disulfite (USP-NF, BP, Ph. Eur.) pure, pharma grade**

M.= 190,10

CAS [7681-57-4]

EINECS 231-673-0

TARIC 2832 10 00 00

SYNONYMS: Sodium Metabisulphite, Sodium Pyrosulphite**PHYSICAL DATA:** crystals, crystalline powder, White, Soluble in water 470 g/l at 20 °C Thermal decom. aprox. 150 °C • D (20 °C) 1,48 • pH4,0 - 4,8 •**BIBLIOGRAPHY:** Merck Index **13**, 8.712 Sax **SII000** • Safety **2**, **3146 A** • Römp **8**, **2734** • Fieser **11047** • ACS **XI** • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) nº 231/2012 •**HAZARDOUS:** C.E: 016-063-00-2 • RTECS: UX 8225000 • LD50 oral rat 1.540 mg/kg • VLA-ED 5 mg/m3

H: H302 • EUH031 • H318 •

P: P264 • P270 • P280 • P301+P312 • P305+P351+P338 • P310 • P330 • P501 •

OBSERVATIONS: Storage away from direct light. •**SPECIFICATIONS:**Assay (as SO₂) (Iodom.)

65,0-67,4 %

Assay (Na₂S₂O₅) (Iodom.)

96,5-100,0%

Identity :

Identity according to Pharmacopoeias:

passes test

pH of 5% solution	3,5-5,0
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Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,02%
Residual solvents (Ph.Eur/USP)	passes test
Thiosulfate (S ₂ O ₃)	0,05%
Thiosulfate (BP)	passes test
Heavy metals (as Pb)	0,002%
As	0,00015 %
Fe	0,002 %

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	20 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	250 ppm
Sn	600 ppm
Cr	25 ppm