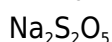
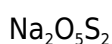




PRODUCT CODE: 141698

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** · Rmp **8** , **2734** · Fieser **11047** · ACS **XI** ·
BP.**2020** · USP -**NF 37** · Ph. Eur. **9.0** (2017) **10.0** (2020) · F.C.C **11 12** · BOE **243**(8-10-2009) · Regulation (EU) n
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 SO ₂) (Iodom.)	65,0-67,4 %
Assay (Na ₂ S ₂ O ₅) (Iodom.)	96,5-100,0%
Identity :	
Identity according to Pharmacopoeias:	passes test

pH of 5% solution 3,5-5,0

Maximum limit of impurities

Appearance of solution passes test
Insoluble matter in H₂O 0,025 %
Chloride (Cl) 0,02%
Residual solvents (Ph.Eur/USP) passes test
Thiosulfate (S₂O₃) 0,05%
Thiosulfate (BP) passes test

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