



PRODUCT CODE: 192756

Sodium Selenite anhydrous (Ph. Eur., BP) pharma grade

$\text{Na}_2\text{O}_3\text{Se}$

Na_2SeO_3

M.= 172,94

CAS [10102-18-8]

EINECS 233-267-9

TARIC 2842 90 10 10

PHYSICAL DATA: powder, White to yellowish, Soluble in water. Thermal decom. above 300 °C • pH9 •

BIBLIOGRAPHY: Merck Index **13**, 8.748 Sax **SJT600** • Safety **2** , **3153 D** • Römp **8** , **2745** • BP.**2025** • Ph. Eur. **11.0** .

HAZARDOUS: C.E: 034-002-00-8 • RTECS: VS 7350000 • LD50 oral rbt 2,25 mg/kg • LD50 oral rat 7 mg/kg • VLA-ED (Se) 0,1 mg/m3



H: H331 • H300 • EUH031 • H317 • H411 •

P: P261 • P264 • P270 • P271 • P272 • P501 • P273 • P280 • P301+P310 • P302+P352 • P304+P340 • P311 • P321 • P330 • P333+P313 • P363 • P391 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2630 • ADR: 6.1/I • IMDG: 6.1/I • IATA: 6.1/I • PAX: 666 • CAO: 673 • (C/E) •

SPECIFICATIONS:

Assay calc. a.d.s.	98,5-101,5 %
Identity :	
Identity according to Pharmacopoeias:	passes test
pH of 10 % solution	9,8 - 10,8
pH sol. 1M	10,6 - 11,4

Maximum limit of impurities

Appearance of solution	passes test
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Loss on drying at 130°C	0,5%
Chloride (Cl)	0,005%
Sulfate and Selenates (as SO ₄)	0,03 %
Residual solvents (Ph.Eur.)	passes test
Nitrogen Compounds (as NO ₃)	0,01 %

Fe	0,005 %
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Elemental impurities (ICH Q3D):

Class 1

Cd	2 ppm
Pb	5 ppm
As	5 ppm
Hg	5 ppm

Class 2A

Co	10 ppm
V	10 ppm
Ni	20 ppm

Class 2B

Tl	10 ppm
Au	10 ppm
Pd	10 ppm
Ir	50 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 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