






Specification

Concerning Product:	
Article number	10102188FI
Trade name / designation / denomination	Natriumselenit min 99% Sodium Selenite 99% min.
CAS number	10102-18-8
Other names / synonyms	•SODIUM SELENITE; •SODIUM SELENITE, ANHYDROUS; •Sodium selenite; •Sodium selenite, anhydrous, min, typically 99. min (metals basis); •disodium selenite; •sodium selenite;
EC number	233-267-9
EC index number	034-003-00-3
Customs tariff number / CN code / TARIC	28429010
Molecular weight [g / mol]	172.93774
Formula	Na ₂ O ₃ Se
Danger    2630, 6.1, I	
Fatal if swallowed. May cause an allergic skin reaction. Toxic if inhaled. Toxic to aquatic life with long lasting effects. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Specific treatment (see details on this label). Dispose of contents/container in accordance with local/regional/(inter)national regulations.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	white crystals	
Physical parameter		
Substances insoluble	in H ₂ O: ≤ 0,15	%
Loss on drying	≤ 0,2	%
Identity		
Assay	Selenit ≥ 45,3	%

Elemental Impurities		
Silver (Ag)	≤ 5	ppm
Arsenic (As)	≤ 10	ppm
Cadmium (Cd)	≤ 5	ppm
Iron (Fe)	≤ 10	ppm
Mercury (Hg)	≤ 0,1	ppm
Nickel (Ni)	≤ 5	ppm
Lead (Pb)	≤ 20	ppm
Tellurium (Te)	≤ 0,01	%
Particle size distribution		
Particles	< 325 Mesh ≤ 20	%
Particles	< 50 mesh ≥ 96	%
Particles	<18mesh ≥ 100	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. May. 2020

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