





SO0707 di-Sodium tetraborate decahydrate, ExpertQ®, for analysis, ACS, ISO



assay (acidimetric) 99,5 - 105,0 %
 identity passes test
 appearance of solution clear
 insoluble in water max. 0,005 %
 pH (0,01 M, H₂O) 9,15 - 9,20
 chlorides (Cl) max. 0,001 %
 phosphates (as PO₄) max. 0,001 %
 sulfates (SO₄) max. 0,005 %

ammonium (NH₄) max. 0,001 %
 arsenic (As) max. 5 ppm
 calcium (Ca) max. 0,005 %
 copper (Cu) max. 5 ppm
 heavy metals (as Pb) max. 0,001 %
 iron (Fe) max. 5 ppm
 lead (Pb) max. 5 ppm

ART. NO.	VOLUME	CONTAINER
SO07070250	250 g	
SO07070500	500 g	
SO07071000	1 kg	
SO0707005P	5 kg	

SODIUM TETRACHLOROAUATE(III) DIHYDRATE

OR0060 Sodium tetrachloroaurate(III) dihydrate, EssentQ®



- Synonyms: Gold sodium chloride
- NaAuCl₄·2H₂O
- M = 397,80 g/mol
- CAS [13874-02-7]
- EINECS-No.: 240-948-4
- Solub. in water: (20 °C): 300 g/l
- GHS-signal word: Warning

- GHS-H sentences: H317
- GHS-P sentences: P261 - P280 - P321 - P363 - P333 + P313 - P501a
- Tariff number: 2843 30 00 00
- Applications: photography, in galvanotechnia.

Au content 49,5 %

ART. NO.	VOLUME	CONTAINER
OR00600001	1 g	

SODIUM THIOCYANATE

SO0675 Sodium thiocyanate, ExpertQ®, for analysis, ACS



- Synonyms: Sodium sulfocyanide, Sodium rhodanide
- NaSCN
- M = 81,07 g/mol
- CAS [540-72-7]
- EINECS-No.: 208-754-4
- Solub. in water: (20 °C): soluble
- Melting point: 310 °C
- LD 50 (oral, rat): 764 mg/kg
- EC-Index-No.: 615-004-00-3
- GHS-signal word: Warning
- GHS-H sentences: H302 - H312 - H332 - H412 - EUH032
- GHS-P sentences: P261 - P280 - P322 - P304 + P340 - P363 - P501a
- Tariff number: 2842 90 80 80
- Applications: analytical chemistry, synthesis of organic products (thiocyanates).

assay (argentometric) min. 98 %
 insoluble in water max. 0,005 %
 carbonates (as Na₂CO₃) max. 0,2 %
 chlorides (Cl) max. 0,01 %
 sulfates (SO₄) max. 0,01 %
 sulfides (S) max. 0,001 %
 ammonium (NH₄) max. 0,002 %
 heavy metals (as Pb) max. 5 ppm
 iron (Fe) max. 2 ppm
 lead (Pb) max. 5 ppm

ART. NO.	VOLUME	CONTAINER
SO06750500	500 g	
SO06751000	1 kg	

SODIUM THIOSULFATE ANHYDROUS

SO0720 Sodium thiosulfate anhydrous, EssentQ®

- Synonyms: Antichlor
- Na₂S₂O₃
- M = 158,10 g/mol
- CAS [7772-98-7]
- EINECS-No.: 231-867-5
- Solub. in water: (20 °C): 500 g/l
- Melting point: 48 °C
- Boiling point: 100 °C
- LD 50 (oral, rat): > 8000 mg/kg (pentahydrate)
- Tariff number: 2832 30 00 00
- Applications: analytical chemistry, titrant in volumetric analysis (iodometric analyses), photography, laboratory reagent, for determination of: cobalt, hydrocyanic acid, quinine.

assay (iodometric, on dried sample) min. 98 %
 insoluble in water max. 0,01 %
 pH (5 %, H₂O) 6,0 - 8,5
 chlorides (Cl) max. 0,15 %
 sulfates and sulfites (as SO₄) max. 0,5 %
 sulfides (S) max. 0,0005 %
 calcium (Ca) max. 0,004 %
 cadmium (Cd) max. 0,001 %
 cobalt (Co) max. 0,001 %
 copper (Cu) max. 0,001 %
 heavy metals (as Pb) max. 0,005 %
 iron (Fe) max. 0,005 %
 lead (Pb) max. 0,001 %
 nickel (Ni) max. 0,001 %
 zinc (Zn) max. 0,001 %

ART. NO.	VOLUME	CONTAINER
SO07201000	1 kg	