

## SO0510 Sodium nitrite, EssentQ®



assay (iodometric) .....min. 98 %

ART. NO.	VOLUME	CONTAINER
SO05100500	500 g	
SO05101000	1 kg	

ART. NO.	VOLUME	CONTAINER
SO0510005P	5 kg	

## SO0512 Sodium nitrite, ExpertQ®, for analysis, ACS



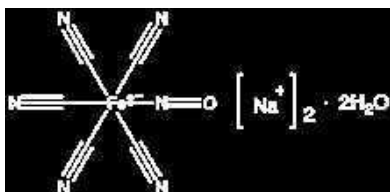
assay (permanganometric) .....min. 99,0 %  
 identity (IR-spectrum) .....passes test  
 insoluble in water .....max. 0,01 %  
 chlorides (Cl) .....max. 0,005 %  
 sulfates (SO<sub>4</sub>) .....max. 0,005 %

calcium (Ca) .....max. 0,002 %  
 heavy metals (as Pb) .....max. 0,001 %  
 iron (Fe) .....max. 0,001 %  
 potassium (K) .....max. 0,001 %

ART. NO.	VOLUME	CONTAINER
SO05120500	500 g	
SO05121000	1 kg	
SO0512005P	5 kg	

## SODIUM NITROPRUSSIDE DIHYDRATE

## SO0520 Sodium nitroprusside dihydrate, ExpertQ®, for analysis, ACS

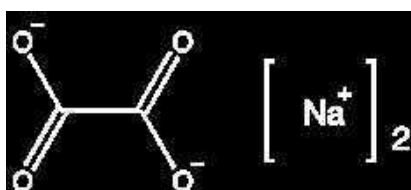


- Synonyms: Disodiumpentacyanonitrosylferrate(II) dihydrate, Disodiumnitrosylpentacyanoferrate(II) dihydrate, Sodium nitroferriyanide, Nitroprusside sodium
- Na<sub>2</sub>[Fe(CN)<sub>5</sub>NO]·2H<sub>2</sub>O
- M = 297,95 g/mol
- CAS [13755-38-9]
- EINECS-No.: 238-373-9
- Solub. in water: (20 °C): 400 g/l
- LD 50 (oral, rat): 99 mg/kg
- ADR: 6.1 T5 II UN 1588
- IMDG: 6.1 II UN 1588
- IATA/ICAO: 6.1 II UN 1588
- GHS-signal word: Danger
- GHS-H sentences: H301
- GHS-P sentences: P264 - P270 - P321 - P330 - P405 - P501a
- Tariff number: 2837 20 00 90
- Applications: reagent for organic compounds detection.

assay (argentometric) .....99 - 102 %  
 identity .....passes test  
 insoluble in water .....max. 0,01 %  
 chlorides (Cl) .....max. 0,02 %  
 sulfates (SO<sub>4</sub>) .....max. 0,01 %

ART. NO.	VOLUME	CONTAINER
SO05200100	100 g	
SO05200250	250 g	
SO05200500	500 g	
SO0520005P	5 kg	

## DI-SODIUM OXALATE



- Synonyms: Oxalic acid sodium salt, Soerensen's buffer substances
- Na<sub>2</sub>C<sub>2</sub>O<sub>4</sub>
- M = 134,01 g/mol
- CAS [62-76-0]
- EINECS-No.: 200-550-3
- Solub. in water: (20 °C): 37 g/l
- Melting point: 250 - 270 °C (decomposes)
- LD 50 (oral, rat): 7500 mg/kg (oxalic acid)

- EC-Index-No.: 607-007-00-3
- GHS-signal word: Warning
- GHS-H sentences: H302 - H312
- GHS-P sentences: P280 - P264 - P270 - P322 - P363 - P501a
- Tariff number: 2917 11 00 99
- Applications: analytical chemistry, reference material.
- Appearance: White solid

## SO0529 di-Sodium oxalate, EssentQ®



assay (permanganometric) .....min. 99 %  
 insoluble in water .....max. 0,025 %  
 chlorides (Cl) .....max. 0,01 %  
 sulfates (SO<sub>4</sub>) .....max. 0,01 %  
 ammonium (NH<sub>4</sub>) .....max. 0,005 %

copper (Cu) .....max. 0,003 %  
 iron (Fe) .....max. 0,003 %  
 lead (Pb) .....max. 0,003 %  
 nickel (Ni) .....max. 0,003 %

ART. NO.	VOLUME	CONTAINER
SO05290500	500 g	
SO05291000	1 kg	

## SO0530 di-Sodium oxalate, ExpertQ®, for analysis, ACS, Reag. Ph Eur



assay (permanganometric) .....min. 99,8 %  
 insoluble matter .....max. 0,005 %  
 acidity .....passes test  
 chlorides (Cl) .....max. 0,002 %  
 phosphates (as PO<sub>4</sub>) .....max. 0,005 %  
 sulfates (SO<sub>4</sub>) .....max. 0,002 %  
 total nitrogen (as N) .....max. 0,001 %

ammonium (NH<sub>4</sub>) .....max. 0,002 %  
 heavy metals (as Pb) .....max. 0,001 %  
 iron (Fe) .....max. 5 ppm  
 lead (Pb) .....max. 0,001 %  
 potassium (K) .....max. 0,005 %  
 substances darkened by H<sub>2</sub>SO<sub>4</sub> .....passes test  
 loss on drying (105 °C) .....max. 0,01 %

ART. NO.	VOLUME	CONTAINER
SO05300500	500 g	
SO05301000	1 kg	
SO0530005P	5 kg	