

SODIUM METAARSENITE, VOLUMETRIC SOLUTIONS

SO0100 Sodium metaarsenite, solution 0,05 mol/l (0,1 N) 

- NaAsO_2
- $M = 129,91 \text{ g/mol}$
- CAS [7784-46-5]
- EINECS-No.: 232-070-5
- Density: $1,01 \text{ g/cm}^3$
- LD 50 (oral, rat): 41 mg/kg (pure substance)
- EC-Index-No.: 033-002-00-5
- ADR: 6.1 T4 III UN 1686
- IMDG: 6.1 III UN 1686
- IATA/ICAO: 6.1 III UN 1686
- GHS-signal word: Danger
- GHS-H sentences: H350 - H412
- GHS-P sentences: P281 - P273 - P201 - P308 + P313 - P405 - P501a

- Tariff number: 2842 90 80 80
- Applications: analytical chemistry, titrant in volumetric analysis.

factor 0,999 - 1,001
uncertainty $\pm 0,001$
 $1 \text{ ml} = 0,004946 \text{ g As}_2\text{O}_3$ $1 \text{ ml} = 0,006495 \text{ g NaAsO}_2$
This volumetric solution was checked by means of potentiometric methods using an iodine standard solution, that was also checked against Scharlau's potassium dichromate volumetric standard. Scharlau's volumetric standard solutions are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
SO01001000	1 l	

SODIUM METAPERIODATE

- Synonyms: Sodium periodate
- NaIO_4
- $M = 213,89 \text{ g/mol}$
- CAS [7790-28-5]
- EINECS-No.: 232-197-6
- Solub. in water: (20°C): 91 g/l
- Melting point: 300°C (decomposes)

- ADR: 5.1 O2 I UN 1479
- IMDG: 5.1 I UN 1479
- IATA/ICAO: 5.1 I UN 1479
- GHS-signal word: Danger
- GHS-H sentences: H271
- GHS-P sentences: P221 - P283 - P210 - P306 + P360 - P371 + P380 + P375 - P501a

- Tariff number: 2829 90 80 00
- Applications: analytical chemistry, laboratory reagent, synthesis of organic products, for laboratory glassware cleaning.
- Appearance: White to almost white crystals

SO0564 Sodium metaperiodate, EssentQ® 

assay (iodometric)min. 99 %
bromates, bromides, chlorates and
chlorides (as Cl)max. 0,01 %

sulfates (SO_4)max. 0,005 %
manganese (Mn)max. 1 ppm

ART. NO.	VOLUME	CONTAINER
SO05641000	1 kg	

SO0565 Sodium metaperiodate, ExpertQ®, for analysis, ACS, Reag. Ph Eur 

assay (iodometric, on dried sample) . . . 99,8 - 100,3 %
identitypasses test
pH (5 %, H_2O) 4,0 - 4,5
other halogens (as Cl)max. 0,01 %
sulfates (SO_4)max. 0,005 %

manganese (Mn)max. 1 ppm


ART. NO.	VOLUME	CONTAINER
SO05650100	100 g	
SO05650250	250 g	
SO05651000	1 kg	

SODIUM MOLYBDATE DIHYDRATE

- $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$
- $M = 241,95 \text{ g/mol}$
- CAS [10102-40-6]
- EINECS-No.: 231-551-7
- Solub. in water: (20°C): 840 g/l





- LD 50 (oral, rat): 4233 mg/kg
- Tariff number: 2841 70 00 90
- Applications: analytical chemistry, laboratory reagent, for determination of: phosphates; reagent for the following substances detection: alkaloids; for the

synthesis of: pigment; corrosion inhibitor, nutrient media for bacterial culture.

SO0489 Sodium molybdate dihydrate, extra pure, Pharmapur®, Ph Eur, BP 

assay (redox, referred to
dried sample) 98,0 - 100,5 %
identificationpasses test
appearance of solutionclear and colourless
chlorides (Cl)max. 50 ppm
phosphates (as PO_4)max. 200 ppm
ammonium (NH_4)max. 10 ppm
loss on drying (140°C , 3h) 14,0 - 16,0 %

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
SO04890100	100 g	
SO04890250	250 g	
SO04891000	1 kg	
SO0489005P	5 kg	
SO0489025P	25 Kg	