

SO0333 Sodium dihydrogen phosphate monohydrate, extra pure, Pharmpur®, BP, USP

assay (acidimetric, referred to dried sample) 98,0 - 100,5 %
identification passes test
appearance of solution clear and colourless
insoluble in water max. 0,2 %
acidity passes test
pH (5 %, H₂O) 4,1 - 4,5
chlorides (Cl) max. 0,014 %
sulfates (SO₄) max. 300 ppm

aluminium, calcium and related elements passes test
arsenic (As) max. 2 ppm
iron (Fe) max. 10 ppm
reducing substances passes test
water content 10,0 - 15 %
loss on drying (130 °C) 11,5 - 14,5 %
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
SO03330500	500 g	Ⓟ
SO03331000	1 kg	Ⓟ
SO0333005P	5 kg	Ⓟ

SO0331 Sodium dihydrogen phosphate monohydrate, ExpertQ®, for analysis, ACS

assay (acidimetric) 99,0 - 102,0 %
identity (IR-spectrum) passes test
insoluble in water max. 0,01 %
pH (5 %, H₂O) 4,1 - 4,5
chlorides (Cl) max. 5 ppm
sulfates (SO₄) max. 0,003 %
calcium (Ca) max. 0,005 %

heavy metals max. 5 ppm
iron (Fe) max. 5 ppm
potassium (K) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
SO03310250	250 g	Ⓟ
SO03310500	500 g	Ⓟ
SO03311000	1 kg	Ⓟ
SO0331005P	5 kg	Ⓟ

SO0328 Sodium dihydrogen phosphate monohydrate, molecular biology grade

assay (acidimetric) min. 99,5 %
identity (IR-spectrum) passes test
absorbance of an aqueous solution 0,1 M in a 1 cm cell at 260 nm max. 0,01 AU

absorbance of an aqueous solution 0,1 M in a 1 cm cell at 280 nm max. 0,01 AU
chlorides (Cl) max. 0,005 %
heavy metals (as Pb) max. 0,001 %
iron (Fe) max. 5 ppm
DNases, RNases, Proteases non detected

ART. NO.	VOLUME	CONTAINER
SO03280250	250 g	Ⓟ

SODIUM DISULFITE

- Synonyms: Sodium metabisulfite, Sodium pyrosulfite
- Na₂S₂O₅
- M = 190,10 g/mol
- CAS [7681-57-4]
- EINECS-No.: 231-673-0
- Solub. in water: (20 °C): ~ 650 g/l

- Melting point: ~ 150 °C (decomposes)
- LD 50 (oral, rat): 1540 mg/kg
- GHS-signal word: Danger
- GHS-H sentences: H318 - H302 - EUH031
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P330 - P501a

- Tariff number: 2832 10 00 00
- Applications: analytical chemistry, laboratory reagent, bleaching agent, reducing agent (manufacture of dyes), antioxidant (in the pharmaceuticals industry), in food industry (E 223), preservative agent.

SO0289 Sodium disulfite, extra pure, Pharmpur®, Ph Eur, BP, NF



assay (iodometric) 95,0 - 100,5 %
assay (iodometric, as SO₂) 65,0 - 67,4 %
identification passes test
appearance of solution clear and colourless
pH (5 %, H₂O) 3,5 - 5,0
chlorides (Cl) max. 0,05 %
thiosulfates (S₂O₃) max. 0,05 %

thiosulfates (S₂O₃) passes test
arsenic (As) max. 5 ppm
iron (Fe) max. 20 ppm
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
SO02890500	500 g	Ⓟ
SO02891000	1 kg	Ⓟ
SO0289005P	5 kg	Ⓟ
SO0289025P	25 kg	Ⓟ

SO0290 Sodium disulfite, ExpertQ®, for analysis, ACS, Reag. Ph Eur



assay (iodometric) 97,0 - 100,5 %
identity (IR-spectrum) passes test
appearance of solution clear and colourless
insoluble in water max. 0,005 %
pH (5 %, H₂O) 3,5 - 5,0
chlorides (Cl) max. 0,005 %

thiosulfates (S₂O₃) max. 0,05 %
thiosulfates (S₂O₄) passes test
arsenic (As) max. 5 ppm
heavy metals (as Pb) max. 0,001 %
iron (Fe) max. 5 ppm
lead (Pb) max. 5 ppm

ART. NO.	VOLUME	CONTAINER
SO02900500	500 g	Ⓟ
SO02901000	1 kg	Ⓟ

SODIUM FLUORIDE

- Synonyms: Chemifluor, Ossalin, Ossin, Zymafluor
- NaF
- M = 41,99 g/mol
- CAS [7681-49-4]
- EINECS-No.: 231-667-8
- Solub. in water: (20 °C): 42 g/l
- Melting point: 996 °C
- Boiling point: 1695 °C

- Vapour pressure: (1077 °C) 1 hPa
- LD 50 (oral, rat): 52 mg/kg
- EC-Index-No.: 009-004-00-7
- ADR: 6.1 T5 III UN 1690
- IMDG: 6.1 III UN 1690
- IATA/ICAO: 6.1 III UN 1690
- GHS-signal word: Danger
- GHS-H sentences: H301 - H315 - H319 - EUH032

- GHS-P sentences: P270 - P280 - P305 + P351 + P338 - P321 - P362 - P405 - P501a
- Tariff number: 2826 19 10 00
- Applications: analytical chemistry, laboratory reagent, in the production of enamels, insecticide, in fluoridation of drinking water.
- Appearance: White