

SO0350 di-Sodium hydrogen citrate 1,5-hydrate, extra pure, Pharmapur®, BP

assay (titration with HClO₄) 98,0 - 104,0 %
 identification passes test
 pH (3 %, H₂O) 4,9 - 5,2
 chlorides (Cl) max. 330 ppm
 oxalates (C₂O₄) max. 150 ppm
 sulfates (SO₄) max. 0,12 %

arsenic (As) max. 2 ppm
 readily carbonizable substances passes test
 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
SO03501000	1 kg	

SO0349 di-Sodium hydrogen citrate 1,5-hydrate, ExpertQ®, for analysis, Reag. Ph Eur

assay (titration with HClO₄) 98 - 104 %
 identity (IR-spectrum) passes test
 pH (3 %, H₂O) 4,9 - 5,2
 chlorides (Cl) max. 0,033 %
 oxalates (C₂O₄) max. 0,01 %
 sulfates (SO₄) max. 0,12 %

arsenic (As) max. 1 ppm
 heavy metals (as Pb) max. 0,002 %
 lead (Pb) max. 5 ppm
 substances darkened by H₂SO₄ passes test
 water (K.F.) max. 13 %

ART. NO.	VOLUME	CONTAINER
SO03490500	500 g	
SO03491000	1 kg	
SO0349005P	5 kg	

DI-SODIUM HYDROGEN PHOSPHATE ANHYDROUS

- Synonyms: Disodium hydrogen phosphate, Sodium phosphate dibasic
- Na₂HPO₄
- M = 141,96 g/mol

- CAS [7558-79-4]
- EINECS-No.: 231-448-7
- Solub. in water: (20 °C): 77 g/l
- Melting point: ~ 250 °C (decomposes)

- LD 50 (oral, rat): 17000 mg/kg
- Tariff number: 2835 22 00 00
- Applications: analytical chemistry, in buffer solutions.

SO0335 di-Sodium hydrogen phosphate anhydrous, extra pure, Pharmapur®, Ph Eur, BP, USP

assay USP (acidimetric, referred to dried sample) 98,0 - 100,5 %
 assay EP (acidimetric, referred to dried sample) 98,0 - 101,0 %
 identification passes test
 appearance of solution clear and colourless
 insoluble in water max. 0,01 %
 chlorides (Cl) (EP) max. 200 ppm
 sulfates (SO₄) (EP) max. 500 ppm
 chlorides and sulfates (USP) max. 0,2 %

sodium dihydrogenphosphate (NaH₂PO₄) max. 2,5 %
 arsenic (As) (EP) max. 2 ppm
 arsenic (As) (USP) max. 16 ppm
 iron (Fe) max. 20 ppm
 reducing substances passes test
 loss on drying (105 °C, 4h) max. 1,0 %
 loss on drying (130 °C) max. 5,0 %
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.

ART. NO.	VOLUME	CONTAINER
SO03350500	500 g	
SO03351000	1 kg	
SO0335005P	5 kg	
SO0335025P	25 kg	

SO0337 di-Sodium hydrogen phosphate anhydrous, ExpertQ®, for analysis, ACS, Reag. Ph Eur

assay (acidimetric) min. 99,0 %
 identity (IR-spectrum) passes test
 insoluble in water max. 0,01 %
 pH (5 %, H₂O) 8,7 - 9,3
 chlorides (Cl) max. 0,001 %
 sulfates (SO₄) max. 0,005 %
 copper (Cu) max. 3 ppm

heavy metals max. 0,001 %
 iron (Fe) max. 0,001 %
 lead (Pb) max. 0,001 %
 loss on drying (105 °C) max. 0,2 %
 potassium (K) max. 0,01 %

ART. NO.	VOLUME	CONTAINER
SO03370500	500 g	
SO03371000	1 kg	
SO0337005P	5 kg	
SO0337025P	25 kg	

SO0329 di-Sodium hydrogen phosphate anhydrous, 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. 0,05 AU
 absorbance of an aqueous solution

0,1 M in a 1 cm cell at 280 nm max. 0,05 AU
 chlorides (Cl) max. 0,005 %
 heavy metals max. 0,001 %
 iron (Fe) max. 0,005 %
 DNases, RNases, Proteases non detected

ART. NO.	VOLUME	CONTAINER
SO03290250	250 g	
SO03291000	1 kg	

DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE

- Synonyms: Sodium monohydrogen phosphate, Sodium phosphate dibasic
- Na₂HPO₄·2H₂O
- M = 177,99 g/mol
- CAS [10028-24-7]

- EINECS-No.: 231-448-7
- Solub. in water: (20 °C): 93 g/l
- Melting point: 92,5 °C (release of crystalline water)
- LD 50 (oral, rat): 17000 mg/kg (anhydrous substance)

- Tariff number: 2835 22 00 00
- Applications: analytical chemistry, in buffer solutions (phosphates).