

SODIUM PHOSPHINATE MONOHYDRATE

SO0435 Sodium phosphinate monohydrate, EssentQ®, Reag. Ph Eur

- Synonyms: Sodium hypophosphite monohydrate
- $\text{NaH}_2\text{PO}_2 \cdot \text{H}_2\text{O}$
- $M = 105,99 \text{ g/mol}$
- CAS [10039-56-2]
- EINECS-No.: 231-669-9
- Solub. in water: (20 °C): soluble
- Melting point: > 90 °C (decomposes)
- Tariff number: 2835 10 00 10
- Applications: analytical chemistry, laboratory reagent, in buffer solutions.

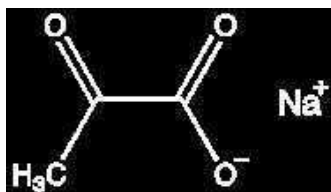
assay (bromometric) min. 99 %
 appearance of solution passes test
 acidity passes test
 chlorides (Cl) max. 0,02 %
 phosphates, phosphites passes test
 sulfates (SO_4) max. 0,02 %
 arsenic (As) max. 0,0002 %
 calcium (Ca) max. 0,02 %
 heavy metals (as Pb) max. 0,0005 %

iron (Fe) max. 0,0005 %

ART. NO.	VOLUME	CONTAINER
SO04350250	250 g	Ⓟ
SO04351000	1 kg	Ⓟ

SODIUM PYRUVATE

SO0590 Sodium pyruvate, for microbiology



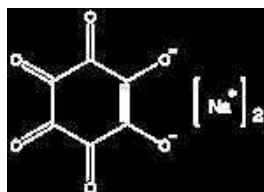
- Synonyms: Piruvic acid, sodium salt
- $\text{C}_3\text{H}_3\text{NaO}_3$
- $M = 110,05 \text{ g/mol}$
- CAS [113-24-6]
- EINECS-No.: 204-24-4
- Melting point: 220 - 230 °C
- LD 50 (oral, rat): 5600 mg/Kg
- Tariff number: 2918 30 00 90

assay (titration with HClO_4) min. 99 %
 chlorides (Cl) max. 0,002 %
 sulfates (SO_4) max. 0,002 %
 arsenic (As) max. 1 ppm
 heavy metals (as Pb) max. 0,001 %
 loss on drying (105 °C) max. 0,5 %
 suitability for microbiology passes test

ART. NO.	VOLUME	CONTAINER
SO05900100	100 g	Ⓟ
SO05900500	500 g	Ⓟ
SO0590025P	25 kg	Ⓟ

SODIUM RHODIZONATE

SO0615 Sodium rhodizonate, indicator for metal titration, ExpertQ®, for analysis



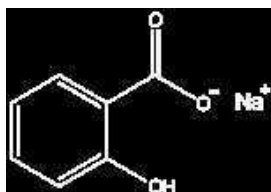
- Synonyms: 1,2-Dihydroxy-3,4,5,6-tetraoxo-1-cyclohexene disodium salt
- $\text{C}_6\text{Na}_2\text{O}_8$
- $M = 214,04 \text{ g/mol}$
- CAS [523-21-7]
- EINECS-No.: 208-340-3
- Solub. in water: (20 °C): sparingly soluble
- Tariff number: 2914 40 90 00
- Applications: analytical chemistry, indicator, for the detection of: barium, lead, tin, strontium, sulfates.

assay (titration with HClO_4) min. 98,5 %
 identity (IR-spectrum) passes test
 suitability for detection of Ba passes test
 suitability as indicator for sulfate titration passes test

ART. NO.	VOLUME	CONTAINER
SO06150001	1 g	Ⓟ

SODIUM SALICYLATE

SO0633 Sodium salicylate, ExpertQ®, for analysis



- Synonyms: Salicylic acid sodium salt
- $\text{C}_7\text{H}_5\text{NaO}_3$
- $M = 160,11 \text{ g/mol}$
- CAS [54-21-7]
- EINECS-No.: 200-198-0
- Solub. in water: (20 °C): soluble
- Melting point: 200 °C
- Ignition temp.: > 250 °C
- LD 50 (oral, rat): 930 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H302 - H319
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P337 + P313 - P501a
- Tariff number: 2918 21 00 00
- Applications: analytical chemistry, for the detection of: glucose (urine).

assay (titration with HClO_4 on dried sample) min. 99 %
 identity (IR-spectrum) passes test
 appearance of solution (10 %, H_2O) passes test
 insoluble in water max. 0,02 %
 chlorides (Cl) max. 0,002 %
 sulfates (SO_4) max. 0,01 %
 cadmium (Cd) max. 5 ppm
 calcium (Ca) max. 0,005 %
 cobalt (Co) max. 5 ppm
 copper (Cu) max. 5 ppm
 heavy metals (as Pb) max. 0,001 %
 iron (Fe) max. 0,001 %
 lead (Pb) max. 5 ppm
 magnesium (Mg) max. 0,001 %
 nickel (Ni) max. 5 ppm
 zinc (Zn) max. 5 ppm
 loss on drying (105 °C) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
SO06330250	250 g	Ⓟ
SO06331000	1 kg	Ⓟ
SO0633005P	5 kg	Ⓟ
SO0633025P	25 kg	Ⓟ