SODIUM IODIDE

- NaI
- M = 149,89 g/mol
- CAS [7681-82-5]
- EINECS-No.: 231-679-3
- Solub. in water: (20 °C): soluble
- Melting point: 662 °C
- Boiling point: 1304 °C
- Vapour pressure: (767 °C) 1,3 hPa
- LD 50 (oral, rat): 4340 mg/kg
- Tariff number: 2827 60 00 00
- Applications: analytical chemistry, laboratory reagent, photography, synthesis of organic products, in optics, in the pharmaceutics industry.

SO0835 Sodium iodide, extra pure, Pharmpur®, Ph Eur, BP, USP

assay (iodometric, referred to dried sample) . . . . . 99,0 - 100,5 %
identification . . . . . .passes test
appearance of solution . . . . . .clear and colourless
alkalinity . . . . . .passes test
iodates (IO_3) . . . . . .passes test
iodates (IO_3) . . . . . max. 4 ppm
nitrates, nitrites and ammonia . . . . . .passes test
sulfates (SO_4) . . . . . max. 150 ppm
thiosulfates (S_2O_3) . . . . . .passes test
thiosulfates and barium . . . . . .passes test
iron (Fe) . . . . . max. 20 ppm
potassium (K) . . . . . .passes test
loss on drying (105 °C) . . . . . .max. 3,0 %
water (K.F.) . . . . . .max. 2,0 %
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
SO08350250	250 g	P
SO08351000	1 kg	P

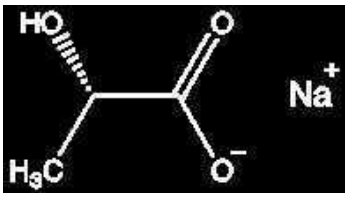
SO0837 Sodium iodide, ExpertQ®, for analysis, ACS, Reag. Ph Eur

assay (iodometric) . . . . . min. 99,5 %
assay (iodometric, referred to dried sample) . . . . . 99,0 - 100,5 %
identity (IR-spectrum) . . . . . .passes test
appearance of solution . . . . . .clear and colourless
insoluble in water . . . . . .max. 0,01 %
alkalinity . . . . . .passes test
pH (5 %, H_2O) . . . . . 6,0 - 9,0
chlorides and bromides (as Cl) . . . . . .max. 0,01 %
iodates (IO_3) . . . . . .passes test
iodates (IO_3) . . . . . max. 3 ppm
phosphates (as PO_4) . . . . . .max. 0,001 %
sulfates (SO_4) . . . . . .max. 0,002 %
thiosulfates (S_2O_3) . . . . . .passes test
barium (Ba) . . . . . .max. 0,002 %
calcium (Ca) . . . . . .max. 0,001 %
copper (Cu) . . . . . max. 1 ppm
heavy metals (as Pb) . . . . . max. 5 ppm
iron (Fe) . . . . . max. 5 ppm
lead (Pb) . . . . . max. 1 ppm
magnesium (Mg) . . . . . .max. 0,001 %
nickel (Ni) . . . . . .max. 0,1 ppm
potassium (K) . . . . . .max. 0,01 %
loss on drying (105 °C) . . . . . .max. 3,0 %

ART. NO.	VOLUME	CONTAINER
SO08370100	100 g	P
SO08370250	250 g	P
SO08370500	500 g	P
SO08371000	1 kg	P

SODIUM LACTATE, SOLUTION 50%

SO0460 Sodium lactate, solution 50% w/w, extra pure, Pharmpur®, Ph Eur, BP, USP



- Synonyms: L-2-Hydroxypropanoic acid sodium salt, Lactic acid sodium salt
- $C_3H_5NaO_3$
- M = 112,06 g/mol
- CAS [867-56-1]
- EINECS-No.: 200-772-0
- Density: 1,263 g/cm³
- Solub. in water: (20 °C): miscible
- Boiling point: 109 °C
- LD 50 (oral, rat): > 5000 mg/kg
- Tariff number: 2918 11 00 00
- Applications: synthesis of organic products, for pharmaceutical use, in food industry (E 325), humectant, in pharma industry.

assay (titration with $HClO_4$) . . . . . min. 50,0 %
content of Sodium lactate . . . . . 98,0 - 102,0 %
content of sodium (S)-lactate . . . . . min. 95,0 %
identification . . . . . .passes test
appearance of solution . . . . . .passes test
pH . . . . . 6,5 - 9,0
chlorides (Cl) . . . . . max. 50 ppm
citrate, oxalate, phosphate or tartratepasses test
oxalates and phosphates . . . . . .passes test
sulfates (SO_4) . . . . . .passes test
sulfates (SO_4) . . . . . max. 100 ppm
methanol and methyl esters . . . . . .max. 0,025 %
barium (Ba) . . . . . .passes test
iron (Fe) . . . . . max. 10 ppm
sucrose and reducing sugars . . . . . .passes test
sugars . . . . . .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
SO04601000	1 l	P
SO0460005P	5 l	P