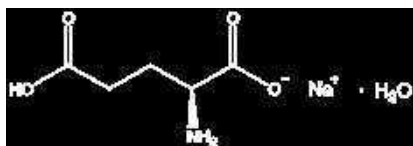


SODIUM L-GLUTAMATE MONOHYDRATE

SO0400 Sodium L-glutamate monohydrate, extra pure, Pharpur®, NF



- $C_5H_9NNaO_4 \cdot H_2O$
- $M = 187,13 \text{ g/mol}$
- CAS [6106-04-3]
- EINECS-No.: 205-538-1
- Solub. in water: (20 °C): ~ 600 g/l
- Melting point: 225 - 240 °C
- Flash pt. > 900 °C
- LD 50 (oral, rat): 15800 mg/kg
- Tariff number: 2922 42 00 10
- Applications: in food industry (E 621).

assay (titration with $HClO_4$) 99,0 - 100,5 %
 identification passes test
 appearance of solution passes test
 pH (5 %, H_2O) 6,7 - 7,2
 specific rotation ($[\alpha]_{25}^D$, $c = 10$, HCl
 2 mol/l, on dried sample) + 24,8° - + 25,3°
 chlorides (Cl) max. 0,25 %
 lead (Pb) max. 10 ppm
 loss on drying (100 °C) max. 0,5 %
 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
SO04000500	500 g	
SO04001000	1 kg	
SO0400025P	25 kg	

SODIUM HEXAMETAPHOSPHATE

SO0415 Sodium hexametaphosphate, EssentQ®

- Synonyms: Sodium polyphosphate, Graham's salt
- $Na_6(NaPO_3)_6 \cdot ONa$
- CAS [68915-31-1]
- EINECS-No.: 272-808-3
- Solub. in water: (20 °C): soluble
- Melting point: 628 °C
- LD 50 (oral, rat): 5000 mg/kg
- Tariff number: 2835 39 00 00
- Applications: dentifrices, polishing agent, detergent (abrasive).

assay (acidimetric, as P_2O_5) 65 - 70 %
 insoluble in water max. 0,01 %
 chlorides (Cl) max. 0,03 %
 sulfates (SO_4) max. 0,1 %
 arsenic (As) max. 2 ppm
 iron (Fe) max. 0,01 %
 copper (Cu) max. 0,0025 %
 lead (Pb) max. 0,0025 %
 nickel (Ni) max. 0,0025 %

ART. NO.	VOLUME	CONTAINER
SO04150500	500 g	
SO04151000	1 kg	

SODIUM HEXANITROCOBALTATE(III)

SO0240 Sodium hexanitrocobaltate(III), ExpertQ®, for analysis, ACS, Reag. Ph Eur



- Synonyms: Sodium cobaltnitrite, Cobalt(III) sodium nitrite
- $Na_3[Co(NO_2)_6]$
- $M = 403,94 \text{ g/mol}$
- CAS [13600-98-1]
- EINECS-No.: 237-077-7
- Solub. in water: (20 °C): 720 g/l
- ADR: 5.1 O2 III UN 1479
- IMDG: 5.1 III UN 1479
- IATA/ICAO: 5.1 III UN 1479
- GHS-signal word: Danger

- GHS-H sentences: H272 - H350
- GHS-P sentences: P221 - P210 - P220 - P280 - P405 - P501a
- Tariff number: 2842 90 90 00
- Applications: analytical chemistry, laboratory reagent, for the detection of: potassium.
- Appearance: Yellowish to brown powder

identity (IR-spectrum) passes test
 insoluble matter max. 0,02 %
 chlorides (Cl) max. 0,005 %
 sulfates (SO_4) max. 0,01 %
 iron (Fe) max. 0,002 %
 suitability for determination of K passes test

ART. NO.	VOLUME	CONTAINER
SO02400025	25 g	
SO02400100	100 g	

SODIUM HYDROGEN CARBONATE

- Synonyms: Sodium bicarbonate
- $NaHCO_3$
- $M = 84,01 \text{ g/mol}$
- CAS [144-55-8]
- EINECS-No.: 205-633-8

- Solub. in water: (20 °C): 95,5 g/l
- Melting point: 270 °C (decomposes)
- Vapour pressure: (30 °C) 8,3 hPa
- LD 50 (oral, rat): 4220 mg/kg
- Tariff number: 2836 30 00 00

- Applications: analytical chemistry, laboratory reagent, to make sodium salts, for laboratory glassware cleaning, source of CO_2 , in fire extinguishers, in food industry (E-500).

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z