

Sodium L-glutamate monohydrate, Pharmpur®, NF

Identification

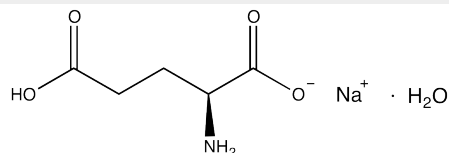
 $C_5H_8NNaO_4 \cdot H_2O$

M = 187,13 g/mol

CAS [6106-04-3]

EC number: 205-538-1

Taric code: 2922 42 00



Applications

in food industry (E 621).

Specifications

assay (titration with HClO4).....	99,0 - 100,5 %
Identification IR.....	passes test
Identification sodium.....	passes test
clarity and colour of solution.....	passes test
pH (5 %, H2O, 25 °C).....	6,7 - 7,2

specific rotation ([α] _{20°/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 (5h; 100°C).....	max. 0,5 %

Physical data

- Bulk density: ~ 680 kg/m³
- Solub. in water: (20 °C): ~ 600 g/l
- Melting point: 225 - 240 °C
- Flash point: > 900 °C
- pH(100 g/l H₂O, 20 °C) 6,7 - 7,2

Transport/storage

- 5°C - 30°C