

## Sodium L-glutamate monohydrate, Pharnpur®, NF

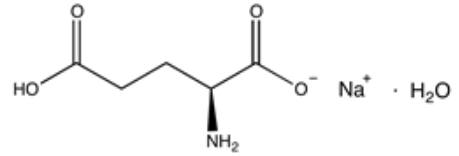
**Identification** $C_5H_8NNaO_4 \cdot H_2O$ 

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 HClO<sub>4</sub>)..... 99,0 - 100,5 %  
Identification IR..... passes test  
Identification sodium..... passes test  
clarity and colour of solution..... passes test  
pH (5 %, H<sub>2</sub>O, 25 °C)..... 6,7 - 7,2

specific rotation ([α]<sub>20</sub><sup>D</sup>, 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/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 600 g/l
- Melting point: 225 - 240 °C
- Flash point: > 900 °C
- pH(100 g/l H<sub>2</sub>O, 20 °C) 6,7 - 7,2

**Transport/storage**

- 5°C - 30°C