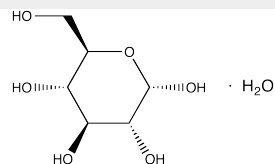


D(+)-Glucose monohydrate, Pharmpur®, Ph Eur, BP, USP

Identification

$C_6H_{12}O_6 \cdot H_2O$
M = 198,17 g/mol
CAS [14431-43-7]
EC number: 200-075-1
Taric code: 1702 30 51



Synonyms

Dextrose, Blood sugar

Applications

synthesis of organic products, in food industry, nutrient media for bacterial culture, for pharmaceuticals synthesizing, in pharma industry.

Specifications

assay (HPLC, referred to dried sample).....	97,5 - 102,0%	related substances	passes test
identification.....	passes test	dextrines	passes test
appearance of solution.....	passes test	soluble starch, sulfites.....	max. 15 ppm
conductivity (25 °C).....	max. 20 µS/cm	water (K.F.).....	7,5 - 9,5 %

Physical data

- Bulk density: ~ 630 kg/m³
- Solub. in water: (20 °C): ~ 470 g/l
- Melting point: ~ 83 °C
- Ignition temperature: ~ 500 °C
- pH(100 g/l H₂O, 20 °C) 6 - 7

Transport/storage

- 10°C - 30°C