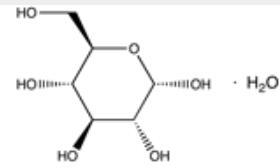


D(+)-Glucose monohydrate, Pharmpur®, Ph Eur, BP, USP**Identification**

$C_6H_{12}O_6 \cdot H_2O$
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