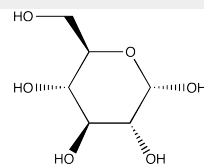


D(+)-Glucose anhydrous, Pharmpur[®], USP

Identification

$C_6H_{12}O_6$
M = 180,16 g/mol
CAS [50-99-7]
EC number: 200-075-1
Taric code: 1702 30 51



Synonyms

Dextrose

Applications

analytical chemistry, in biochemistry, for pharmaceuticals synthesizing, in food industry, in pharma industry.

Specifications

assay (HPLC, on dried sample).....	97,5 - 102,0%	Related substances: impurity C (maltotriose).....	max. 0,2 %
Identification B (USP).....	passes test	Related substances: impurity D (fructose).....	max. 0,15 %
Identification A (USP).....	passes test	Related substances: unspecified impurities.....	max. 0,10 %
clarity and colour of solution.....	passes test	Related substances: total impurities / disregard limit	max. 0,5 %
conductivity (25 °C).....	max. 20 µS/cm	water (K.F.).....	max. 1,0 %
Related substances: impurities A+B (maltose+isomaltose)	max. 0,4 %	dextrines.....	passes test
		soluble starch, sulfites.....	max. 15 ppm

Physical data

- Appearance: crystals, white
- Bulk density: ~ 630 kg/m³
- Solub. in water: (20 °C): ~ 470 g/l
- Melting point: ~ 146 °C
- Ignition temperature: ~ 500 °C
- pH(100 g/l H₂O, 20 °C) 6 - 7

Transport/storage

- 10°C - 30°C