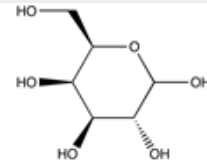


D(+)-Galactose, Pharmpur®, Ph Eur, BP**Identification**

C₆H₁₂O₆
M = 180,16 g/mol
CAS [59-23-4]
EC number: 200-416-4
Taric code: 2940 00 00

**Synonyms**

Lactoglucose, D-Galactopyranose

Applications

analytical chemistry, in food industry, in biochemistry, nutrient media for bacterial culture, in pharma industry.

Specifications

assay (HPLC, on dried sample)..... 97,0 - 102,0 %
Identification IR..... passes test
Identification TLC..... passes test
Identification C (EP)..... passes test
appearance of solution..... passes test
acidity or alkalinity..... passes test
proteins..... max. 0,1 mg/mL

Related substances (HPLC):
lactose and 1,6-galactosylgalactose max. 1,0 %
any unspecified impurities..... max. 0,3 %
total..... max. 2,0 %
residue on ignition..... max. 0,1 %
water (K.F.)..... max. 1,0 %
total aerobic microbial count (TAMC)..... max. 100 CFU/g

Physical data

- Spec. Density: 1,5 g/cm³
- Bulk density: ~ 600 kg/m³
- Solub. in water: (20 °C): 650 g/l
- Melting point: 163 - 169 °C
- pH(H₂O, 20 °C) 4,5 - 6,0

Transport/storage

- 10°C - 30°C