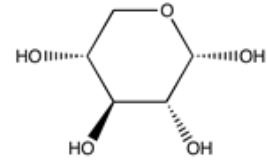


D(+)-Xylose, Pharmpur®, Ph Eur, BP**Identification**

C₅H₁₀O₅
M = 150,13 g/mol
CAS [58-86-6]
EC number: 200-400-7
Taric code: 2940 00 00

**Synonyms**

Wood sugar

Applications

cosmetics, manufacture of dyes, in food industry, in pharma industry.

Specifications

identity (IR-spectrum).....passes test
Identification TLC..... passes test
Identification C (EP)..... passes test
appearance of solution (10 %, H₂O).....clear and colourless

specific rotation ([α]₂₀^D /D, c = 5, H₂O)+18,5 ° - +19,5 °
acidity or alkalinity..... passes test
chlorides (Cl).....max. 330 ppm
residue on ignition.....max. 0,1 %
loss on drying (105 °C)..... max. 0,5 %

Physical data

- Appearance: crystals, colourless or white
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): freely soluble
- Melting point: 154 °C
- pH(100 g/l H₂O, 20 °C) ~ 7

Transport/storage

- 15°C - 25°C