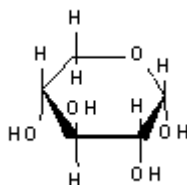
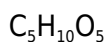
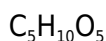




PRODUCT CODE: 142080

D(+)-Xylose (BP, Ph. Eur.) pure, pharma grade



M.= 150,13

CAS [58-86-6]

EINECS 200-400-7

TARIC 2940 00 00 20

SYNONYMS: D-Xilopyranose, Wood Sugar

PHYSICAL DATA: powder, White, Soluble in water. M.P.: 153 °C • pH6,0 - 6,5 •

BIBLIOGRAPHY: Merck Index **12**, 10.220 13, 10.142 Beilstein **1**, **IV**, **4223** • BRN 1562108 • BP.2018 • USP **41**

• Ph. Eur. **8.0** (2014) **9.0** (2017) • Royal Decree **I98** •

HAZARDOUS: RTECS: ZF 2285000 • LD50 oral mus 23.000 mg/kg •

SPECIFICATIONS:

Identity :

Identity according to Pharmacopoeias:

Specific rotation $[\alpha]_{20/D} c=10$ (in H₂O)

passes test

+18,5 - +19,5°

Maximum limit of impurities

Appearance of solution

Acidity or alkalinity

Insoluble matter in H₂O

passes test

passes test

passes test

Loss on drying at 105°C	0,5%
Residue on ignition (as SO ₄)	0,1 %
Chloride (Cl)	0,01%
Sulfate (SO ₄)	0,01%
Residual solvents (Ph.Eur.)	passes test
Heavy metals (as Pb)	0,002%
Residual metals ICP: (according to EMA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1.300 ppm
As	0,0001 %

Ed.: 4 . Vig.: 02.08.2013 .

Prod.: 142080