

ANALYSIS CERTIFICATE

CODE: 142080

BATCH: 0001076584

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

ISSUE DATE: 11/04/2017

RETEST DATE: 04/2023

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Identity according to Pharmacopoeias:	passes test	Passes test
Specific rotation [α] _D ²⁰ c=10 (in H ₂ O)	+18,5 - +19,5°	+19,5°
Maximum limit of impurities		
Appearance of solution	passes test	Passes test
Acidity and alkalinity	passes test	Passes test
Insoluble matter in H ₂ O	passes test	Passes test
Loss on drying at 105°C	0,5%	0,3%
Residue on ignition (as SO ₄)	0,1 %	0,01 %
Chloride (Cl)	0,01%	<0,01%
Sulphate (SO ₄)	0,01%	<0,01%
Residual solvents (Ph.Eur.)	passes test	Passes test
Heavy metals (as Pb)	0,002%	<0,002%
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)		
Class 1A (Pt, Pd)	10 ppm	<10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm	<10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm	<25 ppm
Class 2 (Cu, Mn)	250 ppm	<250 ppm
Class 3 (Fe, Zn)	1.300 ppm	<1.300 ppm
As	0,0001 %	<0,0001 %

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