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ACROS
ORGANICS

Version 0
Molecular weight 150.13
Molecular formula C₅H₁₀O₅
CAS No 58-86-6
Linear formula
Flash point (°C)

Certificate of Analysis

This is to certify that units of the below mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral or injectable use without further processing. The following are the actual analytical results obtained:

Catalog Number	14100	Quality Test / Release Date	10 August 2016
Lot Number	A0375946	Suggested Retest Date	August 2021
Description	D(+)-Xylose, 99+%		
Country of Origin	UNITED STATES OF AMERICA		
Declaration of Origin	plant		

Origin Comment	The product is extracted from beech wood
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Result Name	Specifications	Test Value
Appearance (Color)	White to almost white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Authentic	Authentic
HPLC	>=99.0 % (ELSD)	99.4 % (ELSD)
Water	=<0.2 % (K.F.)	=<0.1 % (K.F.)
Heavy metals (as Pb)	=<10 ppm	=<10 ppm
Sulfated ash	=<0.2 %	=<0.05 %
Specific optical rotation	+18.0° to +21.0° (20°C, 589 nm) (c=10, H ₂ O/NH ₃)	+19.2° (20°C, 589 nm) (c=10, H ₂ O/NH ₃)



CERTIFIED BY

L. Van den Broek, QA Manager

Issued: 14 August 2018

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