



Version	00
Molecular weight	150.13
Quality Test / Release Date	05/24/2019
Molecular Formula	C5 H10 O5
CAS No	58-86-6
Linear Formula	
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below 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. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	14100	Quality Test / Release Date 05/24/2019
Lot Number	A0408426	
Description	D(+)-Xylose, 99+%	
Country of Origin	UNITED STATES OF AMERICA	
Declaration of Origin	plant	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to almost white	White
Appearance (Form)		Crystalline powder	Crystalline powder
Infrared spectrum		Conforms	Conforms
HPLC		>=99.0 % (ELSD)	>=99.9 % (ELSD)
Water		=<0.2 % (K.F.)	0.06 % (K.F.)
Heavy metals (as Pb)		=<10 ppm	=<10 ppm
Sulfated ash		=<0.2 %	Non detected
Specific optical rotation		+18.0° to +21.0° (20°C, 589 nm) (c=10, H2O/NH3)	+18.5° (20°C, 589 nm) (c=10, H2O/NH3)



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 05-27-2019

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