

 Version
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 Molecular weight
 150.13

 Quality Test / Release Date
 04/09/2018

 Molecular Formula
 C5 H10 O5

 CAS No
 58-86-6

Certificate of Analysis

This is to certify that units of the above 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:

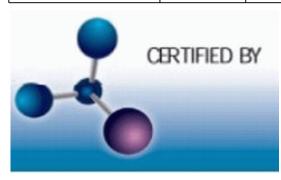
Linear Formula Flash Point (°C)

Catalog Number	14100	Quality Test / Release Date 04/09/2018	
Lot Number	A0395216		
Description	D(+)-Xylose,99+%		
Country of Origin	UNITED STATES OF AMERICA		
Declaration of Origin	plant		

BSE/TSE comment

Chemical Comment

Result name	Units	Specifications	Test Value
Appearance (Color)		White to almost white	White
Appearance (Form)		Crystalline powder	Crystalline powder
Infrared spectrum		Authentic	Authentic
HPLC		>=99.0 % (ELSD)	99.9 % (ELSD)
Water		=<0.2 % (K.F.)	0.1 % (K.F.)
Heavy metals (as Pb)		=<10 ppm	=<10 ppm
Sulfated ash		=<0.2 %	0.01 %
Specific optical rotation		+18.0° to +21.0° (20°C, 589 nm)	+19.4° (20°C, 589 nm) (c=10, H2O/NH3)
		(c=10, H2O/NH3)	



L. Van den Broek, QA Manager

Acros Organics

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