



Version	00
Molecular weight	178.14
Quality Test / Release Date	11/15/2018
Molecular Formula	C ₆ H ₁₀ O ₆
CAS No	608-68-4
Linear Formula	[-CH(OH)CO ₂ CH ₃] ₂
Flash Point (°C)	>112

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:

Catalog Number	17249	Quality Test / Release Date 11/15/2018
Lot Number	A0402791	
Description	(+) - Dimethyl L-tartrate, 99%	
Country of Origin	CHINA	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystalline powder or crystals and/or chunks	Crystals and chunks
Infrared spectrum		Conforms	Conforms
GC		≥98.5 %	99.8 %
Specific optical rotation		+20° to +22° (20°C, 589 nm) (10% in water)	+21.6° (20°C, 589 nm) (10% in water)



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

L. Van den Broek, QA Manager

Issued: 11-16-2018

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