



Version	00
Molecular weight	163.17
Quality Test / Release Date	08/30/2018
Molecular Formula	C6 H13 N O4
CAS No	150-25-4
Linear Formula	(HOCH2CH2)2NCH2CO2H
Flash Point (°C)	

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	32771	Quality Test / Release Date 08/30/2018
Lot Number	A0400068	
Description	Bicine, 99+%, for biochemistry	
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)		Powder	Powder
Infrared spectrum		Authentic	Authentic
Titration with NaOH		>=99.0 %	99.6 %
Water		=<1 % (K.F.)	0.5 % (K.F.)
Sulfated ash		=<0.1 %	=<0.1 %
Heavy metals (as Pb)		=<5 ppm	=<5 ppm
Iron (Fe)		=<5 ppm	=<5 ppm
UV		(0.5 M in water)	(0.5 M in water)
UV		at 260 nm A: =<0.05	at 260 nm A: 0.021
UV		at 280 nm A: =<0.05	at 280 nm A: 0.012



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

L. Van den Broek, QA Manager

Issued: 08-31-2018

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