



Version	00
Molecular weight	163.17
Quality Test / Release Date	01/07/2019
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	17265	Quality Test / Release Date 01/07/2019
Lot Number	A0404181	
Description	Bicine,99+%,for analysis	
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 needles	Needles
Infrared spectrum		Conforms	Conforms
Titration with HClO4		>=99.0 %	99.6 %
Water		=<1.0 % (K.F.)	0.8 % (K.F.)
Sulfated ash		=<0.1 %	=<0.1 %
pH		4.0 to 5.5 (10 % at 20°C)	5.1 (10 % at 20°C)
UV		(5 % in water)	(5 % in water)
UV		at 250 nm A: =<0.05	at 250 nm A:0.038
Chloride (Cl)		=<50 ppm	=<50 ppm
Sulfate (SO4)		=<50 ppm	=<50 ppm
Iron (Fe)		=<5 ppm	=<5 ppm
Heavy metals (as Pb)		=<5 ppm	=<5 ppm



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

L. Van den Broek, QA Manager

Issued: 01-08-2019

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