



Version	00
Molecular weight	182.19
Quality Test / Release Date	03/18/2019
Molecular Formula	C4 H10 N2 O4 S
CAS No	7365-82-4
Linear Formula	H2NCOCH2NHCH2CH2SO3H
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	22800	Quality Test / Release Date	03/18/2019
Lot Number	A0406694		
Description	ACES,99%,extra pure		
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	Crystalline powder
Infrared spectrum		Conforms	Conforms
Titration with NaOH		>=98.5 %	99.7 %
Water		=<1 % (K.F.)	0.6 % (K.F.)
UV		(5 % in water)	(5 % in water)
UV		at 260 nm A: =<0.04	at 260 nm A:0.035
UV		at 280 nm A: =<0.02	at 280 nm A:0.015
pH		3.6 to 4.4 (1 % solution)	4.2 (1 % solution)



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

L. Van den Broek, QA Manager

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