



Version	00
Molecular weight	209.26
Quality Test / Release Date	02/08/2018
Molecular Formula	C7 H15 N O4 S
CAS No	1132-61-2
Linear Formula	
Flash Point (°C)	116

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	32766	Quality Test / Release Date 02/08/2018
Lot Number	A0390680	
Description	MOPS, 99.5%, for molecular biology, Dnase, Rnase, Prot. free, f or peptide sequencing	
Country of Origin	BELGIUM	
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
Assay		≥99.5 %	100 %
Loss on drying		≤0.5 % (105°C)	0.2 % (105°C)
Heavy metals (as Pb)		≤5 ppm	≤5 ppm
pH		3.0 to 4.5 (1 % at 25°C)	3.7 (1 % at 25°C)
Dnase, Rnase, Protease activity		none detected	none detected
Solubility		(10 % in water) Complete	(10 % in water) Complete
UV		(0.1 M in water)	(0.1 M in water)
UV		at 260 nm A: ≤0.01	at 260 nm A: 0.004
UV		at 280 nm A: ≤0.01	at 280 nm A: 0.003



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

L. Van den Broek, QA Manager

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