

 Version
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 Molecular weight
 209.26

 Quality Test / Release Date
 05/06/2019

 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 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	32766	Quality Test / Release Date 05/06/2019	
Lot Number	A0402630		
Description	MOPS,99.5%,for molecular biology,Dnase, Rnase, Prot. free, f or peptide sequencing		
Country of Origin	ISRAEL		
Declaration of Origin	synthetic		

## **BSE/TSE** comment

## **Chemical Comment**

Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Powder	Powder
Infrared spectrum		Conforms	Conforms
Assay		>=99.5 %	100 %
Loss on drying		=<0.5 % (105°C)	0.2 % (105°C)
Heavy metals (as Pb)		=<5 ppm	=<5 ppm
рН		3.0 to 4.5 (1 % at 25°C)	3.7 (1 % at 25°C)
Dnase,Rnase,Protease		none detected	none detected
activity			
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:0.002
UV		at 280 nm A: =<0.01	at 280 nm A:0.003



L. Van den Broek, QA Manager

E. Van den Brock, Q/ (Manag

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