



Version	01
Molecular weight	209.26
Quality Test / Release Date	08/06/2022
Molecular Formula	C7 H15 N O4 S
CAS No	1132-61-2
Linear Formula	
Flash Point (°C)	116

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	32766	Quality Test / Release Date	08/06/2022
Lot Number	A0413139	Suggested retest date	08/06/2027
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	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Infrared spectrum	Conforms	Conforms
Assay	$\geq 99.5\%$	100 %
Loss on drying	$\leq 0.5\%$ (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: ≤ 0.01
UV	at 280 nm A: ≤ 0.01	at 280 nm A: ≤ 0.01

C. Wygaerts, QA Manager

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