



Version	02
Molecular weight	238.30
Molecular Formula	C8 H18 N2 O4 S
CAS No	7365-45-9
Linear Formula	
Flash Point (°C)	

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	32985	Quality Test / Release Date	08/04/2023
Lot Number	A0421491	Suggested retest date	08/04/2026
Description	HEPES free acid,99+%,for molecular biology,DNase, Rnase and Protease free		
Country of Origin	ISRAEL		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Conforms	Conforms
Titration with NaOH	>=99.0 % (On dry substance)	100.0 % (On dry substance)
Loss on drying	=<0.5 % (105°C)	0.3 % (105°C)
pH	5 to 6.5 (0.5 M in water)	5.3 (0.5 M in water)
Heavy metals (as Pb)	=<10 ppm	=<10 ppm
Sulfate (SO4)	=<500 ppm	=<500 ppm
Iron (Fe)	=<5 ppm	=<5 ppm
Potassium (K)	=<1000 ppm	=<1000 ppm
UV	at 260 nm A: =<0.1	at 260 nm A:0.01
UV	at 280 nm A: =<0.1	at 280 nm A:0.009
UV	(0.5 M in water)	(0.5 M in water)
Dnase,Rnase,Protease activity	none detected	none detected

C. Wygaerts, QA Manager

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