



Version	00
Molecular weight	260.27
Quality Test / Release Date	06/18/2018
Molecular Formula	C8 H17 N2 Na O4 S
CAS No	75277-39-3
Linear Formula	
Flash Point (°C)	

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	32726	Quality Test / Release Date 06/18/2018
Lot Number	A0395941	
Description	HEPES sodium salt, 99+%, for molecular biology, DNase, RNase and Protease free	
Country of Origin	ISRAEL	
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		Authentic	Authentic
Titration with HClO4		≥99.0 % (on dry substance)	99.7 % (on dry substance)
Water		≤3 % (K.F.)	0.6 % (K.F.)
pH		9.5 to 11.5 (1 % in water)	9.5 (1 % in water)
Dnase, Rnase, Protease activity		None detected	None detected
UV		(0.1 M in water)	(0.1 M in water)
UV		at 260 nm A: ≤0.04	at 260 nm A: 0.02
UV		at 280 nm A: ≤0.02	at 280 nm A: 0.009



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

L. Van den Broek, QA Manager

Issued: 06-19-2018

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