



Version	01
Molecular weight	82.03
Quality Test / Release Date	06/18/2018
Molecular Formula	C ₂ H ₃ Na O ₂
CAS No	127-09-3
Linear Formula	CH ₃ CO ₂ Na
Flash Point (°C)	>250

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	32729	Quality Test / Release Date 06/18/2018
Lot Number	A0395378	
Description	Acetic acid, sodium salt, 99+%, for molecular biology, anhydrous, 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 to off-white	White to off-white
Appearance (Form)		Crystalline solid	Crystalline solid
Infrared spectrum		Authentic	Authentic
Titration with HClO ₄		99.0 to 101.0 %	99.1 to 101.0 %
Loss on drying		≤ 1 % (120°C)	0.5 % (120°C)
Heavy metals (as Pb)		≤ 10 ppm	3 ppm
pH		7 to 9.2 (5 % in water)	8.5 (5 % in water)
Insoluble matter		≤ 0.01 % (in water)	≤ 0.01 % (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: ≤ 0.01	at 260 nm A: 0.004
UV		at 280 nm A: ≤ 0.01	at 280 nm A: 0.003
Chloride (Cl)		≤ 20 ppm	≤ 20 ppm
Phosphate (PO ₄)		≤ 10 ppm	≤ 10 ppm
Iron (Fe)		≤ 10 ppm	≤ 10 ppm



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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