



Version	00
Molecular weight	186.22
Quality Test / Release Date	03/02/2018
Molecular Formula	C6 H10 Ca O4
CAS No	4075-81-4
Linear Formula	(CH3CH2COO)2Ca
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	40390	Quality Test / Release Date	03/02/2018
Lot Number	A0393817		
Description	Calcium propionate, 98+%		
Country of Origin	GERMANY		
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 or crystals	Crystalline powder
Infrared spectrum		Authentic	Authentic
Titration Complexometric		≥98.0 % (on dry substance)	100.2 % (on dry substance)
Loss on drying		≤4 % (105°C, 2 Hrs)	3.6 % (105°C, 2 Hrs)
Insoluble matter		≤0.3 % (in water)	≤0.3 % (in water)
Heavy metals (as Pb)		≤10 ppm	≤1 ppm
pH		6.9 to 9.0 (10 % solution)	7.9 (10 % solution)
Fluoride (F)		≤10 ppm	≤10 ppm
Arsenic (As)		≤3 ppm	≤3 ppm
Iron (Fe)		≤50 ppm	≤50 ppm
Lead (Pb)		≤5 ppm	≤5 ppm



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

L. Van den Broek, QA Manager

Issued: 03-05-2018

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