



Version	00
Molecular weight	186.22
Quality Test / Release Date	02/25/2019
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 lot number below 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. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	40390	Quality Test / Release Date	02/25/2019
Lot Number	A0405641		
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		Conforms	Conforms
Titration Complexometric		≥98.0 % (on dry substance)	101.1 % (on dry substance)
Loss on drying		≤4 % (105°C, 2 Hrs)	3.9 % (105°C, 2 Hrs)
Insoluble matter		≤0.3 % (in water)	≤0.3 % (in water)
Heavy metals (as Pb)		≤10 ppm	≤5 ppm
pH		6.9 to 9.0 (10 % solution)	7.6 (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: 04-25-2019

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