



Version	03
Molecular weight	142.98
Quality Test / Release Date	01/20/2021
Molecular Formula	Ca Cl ₂ O ₂
CAS No	7778-54-3
Linear Formula	Ca(OCl) ₂
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	30034	Quality Test / Release Date	01/20/2021
Lot Number	A0369038	Suggested retest date	01/20/2023
Description	Calcium hypochlorite,tech., granular, 65% available chlorine		
Country of Origin	JAPAN		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to off-white to light green	off-white
Appearance (Form)	Granules or granular solid	Granules
Titration with Na ₂ S ₂ O ₃	>=65 % (Available Cl)	71.4 % (Available Cl)
pH	(1% aq. soln.) about 11.6	11.6 (1% aq. soln.)
Additional info	typical composition:	typical composition:
Additional info	available chlorine: 72%	available chlorine: 72%
Additional info	sodium chloride (NaCl): 8.5%	sodium chloride (NaCl): 8.5%
Additional info	calcium chloride (CaCl ₂): 1.0%	calcium chloride (CaCl ₂): 1.0%
Additional info	calcium chlorate (Ca(ClO ₃) ₂): 1.0%	calcium chlorate (Ca(ClO ₃) ₂): 1.0%
Additional info	calcium hydroxide (Ca(OH) ₂): 4.5%	calcium hydroxide (Ca(OH) ₂): 4.5%
Additional info	water: 12.5%	water: 12.5%
Additional info	others: 0.5%	others: 0.5%



A handwritten signature in black ink, appearing to read "C. Wygaerts".

C. Wygaerts, QA Manager

Issued: 01-20-2021

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