



## Certificate of Analysis

1 Reagent Lane  
Fair Lawn, NJ 07410  
201.796.7100 tel  
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

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. Thermo Fisher Scientific 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 humans or animals. It is the responsibility of the final formulator and end user 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	P212	Quality Test / Release Date	06/17/2019
Lot Number	192208		
Description	POTASSIUM CHLORATE CRYSTAL ACS		
Country of Origin	United States	Suggested Retest Date	Jun/2024
Chemical Origin			
BSE/TSE Comment			
Chemical Comment			

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Small white crystals
SULFATE (SO <sub>4</sub> )	PASS/FAIL	= P.T. (ABOUT 0.002%)	PASS TEST
SODIUM (Na)	%	<= 0.01	<0.01
MAGNESIUM	%	<= 0.002	<0.002
IRON (Fe)	ppm	<= 3	<3
INSOLUBLE MATTER	%	<= 0.005	<0.005
ASSAY	%	>= 99.0	99.8
HEAVY METALS (as Pb)	ppm	<= 5	<5
CHLORIDE	%	<= 0.001	<0.001
CALCIUM	%	<= 0.002	<0.002
BROMATE	%	<= 0.015	<0.015
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.