

Certificate of Analysis

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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	42355	Quality Test / Release Date	03/02/2021
Lot Number	B0542909B		
Description	CHLOROFORM, REAGENT ACS		
Country of Origin	United States	Suggested Retest Date	Mar/2026
Chemical Origin	Organic - synthetic		
BSE/TSE Comment	This product does not contain any animal-derived ingredients, nor is it a source of BSE or TSE. The product is never in contact with any lubricants.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ACETONE & ALDEHYDE	PASS/FAIL	= Pass Test (about 0.005% maximum)	Pass Test (about 0.005% maximum)
ACID & CHLORIDE	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	>= 99.8	99.9
COLOR	APHA	<= 10	<5
EVAPORATION RESIDUE	%	<= 0.001	<0.0001
FREE CHLORINE	PASS/FAIL	= PASS TEST	PASS TEST
IDENTIFICATION			PASS TEST
INFRARED SCAN	REPORT	= CONFORMS TO REF	CONFORMS TO REF
LEAD (Pb)	ppm	<= 0.05	<0.05
PRESERVATIVE - ETHANOL	%	Inclusive Between 0.5 - 1.3	0.8
SUBSTANCES DARKENED BY H2SO4	PASS/FAIL	= PASS TEST	PASS TEST



Julian Burton - Quality Control Manager – 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.