

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 – 0120633

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	D150	Quality Test / Release Date	09/04/2024
Lot Number	243334		
Description	METHYLENE CHLORIDE, GC/MS GRADE		
Country of Origin	South Korea	Suggested Retest Date	Sep/2025
Chemical Origin	Organic - non animal		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear colorless liquid free of suspended matter
ACIDITY	%	<= 0.0005	<0.0001
ASSAY	%	>= 99.9	>99.99
COLOR	APHA	<= 10	5
EVAPORATION RESIDUE	ppm	<= 4	0.4
FLUORESCENCE BACKGROUND	PASS/FAIL	= PASS TEST	PASS TEST
FREE HALOGENS	PASS/FAIL	= PASS TEST	PASS TEST
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 232 NM	ABSORBANCE UNITS	<= 1.0	0.63
OPTICAL ABS AT 235 NM	ABSORBANCE UNITS	<= 0.70	0.31
OPTICAL ABS AT 240 NM	ABSORBANCE UNITS	<= 0.20	0.09
OPTICAL ABS AT 254 NM	ABSORBANCE UNITS	<= 0.01	0.01
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.4200 - 1.4230	1.4212
SUITABILITY FOR GC/MS	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.02	0.0006



Kalyan Paruchuri - Quality Control Supervisor - Bridgewater

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.