

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number	D150
Lot Number	260265
Description	METHYLENE CHLORIDE, GC/MS GRADE
CAS Number	75-09-2
Quality Test/Release Date	09/Jun/2026
Suggested retest date	09/Jun/2027
Country of Origin	South Korea
Declaration of Origin	Organic - non animal

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid free of suspended matter
ACIDITY	%	<= 0.0005	<0.00001
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	0.55
OPTICAL ABS AT 235 NM	ABSORBANCE UNITS	<= 0.70	0.26
OPTICAL ABS AT 240 NM	ABSORBANCE UNITS	<= 0.20	0.08
OPTICAL ABS AT 254 NM	ABSORBANCE UNITS	<= 0.01	0.006
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.4200 - 1.4230	1.4213
SUITABILITY FOR GC/MS	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.02	0.0003



Ash Frey
Supervisor, Quality Control

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.