

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	40693
Lot Number	A0467749
Description	Dichloromethane,99.5%,for spectroscopy ACS,stabilized with amylene
CAS Number	75-09-2
Quality Test/Release Date	17/Jul/2025
Suggested retest date	17/Jul/2028
Country of Origin	GERMANY
Declaration of Origin	synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear	Clear
Appearance (Form)		Liquid	Liquid
Color scale	APHA	≤10	10
GC	%	≥99.5	99.9
Water	%	≤0.02 (Coulometric)	0.005 (Coulometric)
Residue after evaporation	%	≤0.002	≤0.002
Titration acid	meq/g	≤0.0003	0.00003
Free halogens		Passes test	Passes test
UV		at 235 nm A: ≤1.0	at 235 nm A:0.38
UV		at 240 nm A: ≤0.35	at 240 nm A:0.13
UV		at 250 nm A: ≤0.10	at 250 nm A:0.041
UV		at 260 nm A: ≤0.04	at 260 nm A:0.032
UV		at 340 nm A: ≤0.01	at 340 nm A:0.008
UV		at 400 nm A: ≤0.01	at 400 nm A:0.005
Stabilizer	ppm	50 to 100 Amylene	50 to 100 Amylene

Geert Torfs  
Supervisor, QC

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 and development use only. 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.