

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
 Certificate Number. 951001163

Catalogue Number	022917
Lot Number	P20M705
Description	Dichloromethane, HPLC Grade, 99.7+%, stab. with amylene
CAS Number	75-09-2
Quality Test/Release Date	04/Feb/2026
Suggested retest date	04/Feb/2029
Country of Origin	South Korea
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
Assay (GC)	%	≥99.7% ( excluding amylenes)	>99.99
Appearance (Color)		Colorless	Colorless
Form		Liquid	Liquid
Impurity content		Free halogens P.T.	Passes Test
Impurity content	ppt	5ppt, max as Heptachlor epoxide by GC-ECD	1
Water Content (Karl Fischer Titration)	%	0.02%, max	0.0003
Optical Absorbance at	AU	233nm: 1.00AU, max	0.46
Optical Absorbance at	AU	235nm: 0.55AU, max	0.28
Optical Absorbance at	AU	240nm: 0.20AU, max	0.08
Optical Absorbance at	AU	250nm: 0.05AU, max	0.01
Optical Absorbance at	AU	340nm: 0.01AU, max	<0.001
Residue on Evaporation	ppm	3ppm, max	0.1
Stabilizer		40 to 100 ppm amylenes	Conforms



Derek Roy  
 Quality Manager, LCD

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.