

## 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	043685
Lot Number	T18L500
Description	Chloroform, HPLC Grade, 99.5+% min, stab. with amylene
CAS Number	67-66-3
Quality Test/Release Date	07/Aug/2025
Suggested retest date	07/Aug/2028
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
Color (APHA)		10, max	10
Assay (GC)	%	≥99.5%	>99.99
Form		Colorless liquid	Colorless liquid
Impurity content		Acetone and aldehyde ( as acetone): Passes Test	Passes test
Impurity content		Acid and Chloride: Passes test	Passes test
Impurity content		Free Chlorine: Passes test	Passes test
Impurity content	ppm	Lead(Pb): 0.05ppm, max	<0.05
Water Content (Karl Fischer Titration)	%	0.02%, max	0.001
Optical Absorbance at	AU	245nm: 1.00AU, max	0.87
Optical Absorbance at	AU	255nm: 0.15AU, max	0.12
Optical Absorbance at	AU	260nm: 0.05AU, max	0.04
Optical Absorbance at	AU	270nm: 0.02AU, max	0.006
Optical Absorbance at	AU	290nm: 0.01AU, max	<0.001
Optical Absorbance at	AU	400nm: 0.01AU, max	<0.001
Residue on Evaporation	ppm	3ppm, max	0.1



Luis Perez  
 Interim Director Quality, 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.