

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by ICG. Certificate Number. 110212Q

Catalogue Number	019401
Lot Number	62500637
Description	Trichloroethylene, ACS, 99.5% min(may or may not be stab.)
CAS Number	79-01-6
Quality Test/Release Date	11/Oct/2025
Suggested retest date	11/Oct/2030
Country of Origin	INDIA
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	7
Assay	%	≥99.5% (GC-FID, corrected for water and stabilizer)	99.85
Appearance (Color)		Clear colorless	Clear
Free acid (titration)	meq/g	≤0.0001meq/g	<0.0001
Free base (titration)	meq/g	≤0.0003meq/g	0.00011
Form		Liquid	Liquid
Impurity content		Free halogens: Passes Test	Passes
Water Content (Karl Fischer Titration)	%	≤0.02%	0.0049
Heavy Metals (as Pb)		≤1ppm	ND
Residue on Evaporation	%	≤0.001%	0.00068
Stabilizer	%	If present: Report amount and type of stabilizer	Isobutanol: 0.23



Ronald Becht  
Technical Support Manager

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.