

## 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	62600234
Description	Trichloroethylene, ACS, 99.5% min(may or may not be stab.)
CAS Number	79-01-6
Quality Test/Release Date	01/Mar/2026
Suggested retest date	01/Mar/2031
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	5
Assay (unspecified)	%	≥99.5%(excluding stabilizer)	99.76
Appearance (Color)		Clear colorless	Clear colorless
Free acid (titration)	meq/g	≤0.0001meq/g	0.00005
Free base (titration)	meq/g	≤0.0003meq/g	0.0002
Form		Liquid	Liquid
Impurity content		Free halogens: Passes Test	Passes Test
Water Content (Karl Fischer Titration)	%	≤0.02%	0.0036
Heavy Metals (as Pb)	ppm	≤1ppm	0.0072
Residue on Evaporation	%	≤0.001%	0.00068
Stabilizer		If present: Report amount and type of stabilizer	Stabilized



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.