

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global  
Certificate Number: CERT-0120633

Catalogue Number	04846
Lot Number	251640
Description	1,2,4-TRICHLOROBENZENE, HPLC GRADE, CERTIFIED
CAS Number	120-82-1
Quality Test/Release Date	09/Jun/2025
Suggested retest date	09/Jun/2026
Country of Origin	India
Declaration of Origin	Organic - non animal
BSE/TSE	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid free of suspended matter
ASSAY	%	>= 96	99.9
IDENTIFICATION	PASS/FAIL	In PASS TEST	PASS TEST
MELTING RANGE - ENTIRE	PERCENT	<= 2	1.8
MELTING RANGE BEGINNING	DEGREES CELSIUS		15.9
MELTING RANGE, FINAL	DEGREES CELSIUS		17.7
OPTICAL ABS AT 307 NM	ABSORBANCE UNITS	In REPORT	1.16
OPTICAL ABS AT 310 NM	ABSORBANCE UNITS	<= 0.35	0.32
OPTICAL ABS AT 325 NM	ABSORBANCE UNITS	<= 0.07	0.04
OPTICAL ABS AT 350 NM	ABSORBANCE UNITS	<= 0.1	0.04
OPTICAL ABS AT 375 NM	ABSORBANCE UNITS	<= 0.03	0.01
OPTICAL ABS AT 385 NM	ABSORBANCE UNITS	<= 0.01	0.004
OPTICAL ABS AT 400 NM	ABSORBANCE UNITS	<= 0.01	0.002

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.



Matthew Micek  
QC Supervisor

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 use or further manufacturing. 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.

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