

## 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	A451
Lot Number	257834
Description	2-PROPANOL, HPLC, A.C.S.
CAS Number	67-63-0
Quality Test/Release Date	24/Apr/2026
Suggested retest date	23/Apr/2031
Country of Origin	Canada
Declaration of Origin	Organic - synthetic
BSE/TSE	This product is produced entirely from petrochemical sources and does not contain or come into contact with any material of animal or vegetable origin.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ACETONE	%	<= 0.002	<0.002
ASSAY	%	>= 99.8	99.9
COLOR	APHA	<= 10	<5
EVAPORATION RESIDUE	ppm	<= 2	<2
FLUORESCENCE BACKGROUND	ppb	<= 20	<20
IDENTIFICATION	CONFORMS TO STANDARD	= CONFORMS TO STANDARD	CONFORMS TO STANDARD
OPTICAL ABS 330 - 400 NM	ABSORBANCE UNITS	<= 0.01	<0.01
OPTICAL ABS AT 210 NM	ABSORBANCE UNITS	<= 1.00	0.42
OPTICAL ABS AT 220 NM	ABSORBANCE UNITS	<= 0.40	0.21
OPTICAL ABS AT 230 NM	ABSORBANCE UNITS	<= 0.20	0.11
OPTICAL ABS AT 245 NM	ABSORBANCE UNITS	<= 0.08	0.03
OPTICAL ABS AT 260 NM	ABSORBANCE UNITS	<= 0.04	0.01
OPTICAL ABS AT 275 NM	ABSORBANCE UNITS	<= 0.03	<0.03
OPTICAL ABS AT 300 NM	ABSORBANCE UNITS	<= 0.02	<0.02
PROPIONALDEHYDE	%	<= 0.002	<0.002
SOLUBILITY IN WATER	PASS/FAIL	= PASS TEST	PASS TEST
TITRATABLE ACID OR BASE	mEq/g.	<= 0.0001	0.0001
WATER (H2O)	%	<= 0.2	<0.2

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.



Ash Frey  
Supervisor, Quality Control

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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