

## 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	A516
Lot Number	262242
Description	2-PROPANOL, USP
CAS Number	67-63-0
Quality Test/Release Date	27/Apr/2026
Suggested retest date	26/Apr/2029
Country of Origin	Canada
Declaration of Origin	Organic - synthetic
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
ACIDITY	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	>= 99.0	99.9
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
IMPURITIES LIMIT OF METHANOL	%	<= 0.02	<0.02
LIMIT OF VOLATILE IMPURITIES	PASS/FAIL	= PASS TEST	PASS TEST
LIMIT OF VOLATILE IMPURITIES (EACH INDIVIDUAL)	%	<= 0.1	<0.1
LIMIT OF VOLATILE IMPURITIES (TOTAL)	%	<= 1.0	<1.0
NON-VOLATILE RESIDUE	%	<= 0.005	<0.005
OPTICAL ABS AT 230 NM	ABS. UNITS	<= 0.30	0.11
OPTICAL ABS AT 250 NM	ABS. UNITS	<= 0.10	0.02
OPTICAL ABS AT 270 NM	ABS. UNITS	<= 0.03	<0.03
OPTICAL ABS AT 290 NM	ABS. UNITS	<= 0.02	<0.02
OPTICAL ABS AT 310 NM	ABS. UNITS	<= 0.01	<0.01
REFRACTIVE INDEX @ 20 DEG C		Inclusive Between 1.376 - 1.378	1.377
RESIDUAL SOLVENTS	Meets Requirements	= MEETS REQUIREMENTS	MEETS REQUIREMENTS
SPECIFIC GRAVITY @ 25 C		Inclusive Between 0.783 - 0.787	0.783
USP PROTOCOL REQUIRED	Meets Requirements	= MEETS REQUIREMENTS	MEETS REQUIREMENTS
WATER	%	<= 0.5	<0.5

Additional Information This product is free of Genetically Modified Organisms (GMO's). It is free of known allergy-stimulating substances: peanuts, soybeans, milk, eggs, fish, shellfish, tree nuts, and/or wheat or gluten.

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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