Fisher Scientific L.L.C. US
755 US Highway
Route 202, Bridgewater,
NJ 08807, United States of America

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	A464
Lot Number	261112
Description	2-PROPANOL, OPTIMA, A.C.S.
CAS Number	67-63-0
Quality Test/Release Date	07/Aug/2026
Suggested retest date	06/Aug/2031
Country of Origin	United States
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	%	>= 99.9	100
COLOR	A.P.H.A.	<= 5	<5
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	CONFORMS TO STANDARD	= CONFORMS TO STANDARD	CONFORMS TO STANDARD
OPTICAL ABS AT 210 NM	ABSORBANCE UNITS	<= 1.00	0.40
OPTICAL ABS AT 220 NM	ABSORBANCE UNITS	<= 0.20	0.19
OPTICAL ABS AT 230 NM	ABSORBANCE UNITS	<= 0.10	0.09
OPTICAL ABS AT 254 NM	ABSORBANCE UNITS	<= 0.015	0.010
PROPIONALDEHYDE	%	<= 0.002	<0.002
RESIDUE	ppm	<= 1	<1
SOLUBILITY IN WATER	PASS/FAIL	= PASS TEST	PASS TEST
TITRATABLE ACID OR BASE	mEq/g	<= 0.0001	0.0001
WATER (H2O)	%	<= 0.05	<0.05

Additional Information Filtered to 5.0 micron

Liam Higgins
Senior Manager, Quality

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.

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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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