

## 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	T427
Lot Number	260812
Description	TETRAHYDROFURAN - OPTIMA
CAS Number	109-99-9
Quality Test/Release Date	16/Feb/2026
Expiration Date	16/Feb/2027
Country of Origin	United States
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
ASSAY	%	>= 99.9	>99.9
COLOR	APHA	<= 10	<5
EVAPORATION RESIDUE	ppm	<= 5	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	IN PASS TEST	PASS TEST
OPTICAL ABS AT 212 NM	ABS. UNITS	<= 1.00	0.7
OPTICAL ABS AT 245 NM	ABS. UNITS	<= 0.26	0.21
OPTICAL ABS AT 250 NM	ABS. UNITS	<= 0.18	0.17
OPTICAL ABS AT 275 NM	ABS. UNITS	<= 0.046	0.028
OPTICAL ABS AT 300 NM	ABS. UNITS	<= 0.02	<0.01
OPTICAL ABS AT 315 NM	ABS. UNITS	<= 0.0044	<0.0001
OPTICAL ABS AT 350 NM	ABS. UNITS	<= 0.005	<0.001
OPTICAL ABS AT 400 NM	ABS. UNITS	<= 0.005	<0.001
PEROXIDE	%	<= 0.015	0.008
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.4040 - 1.4070	1.4049
WATER (H2O)	%	<= 0.02	0.01



Harout Sahagian  
QC 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

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.

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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