

Certificate of Analysis

1 Reagent Lane	
Fair Lawn, NJ 07410	
201.796.7100 tel	Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
201.796.1329 fax	Standard ISO9001:2015 by Intertek Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	W7	Quality Test / Release Date	05/19/2025
Lot Number	252376		
Description	WATER - OPTIMA		
Country of Origin	United States	Suggested Retest Date	May/2030
Chemical Origin	Inorganic-non animal		

N/A					
Result Name	Units	Specifications	Test Value		
APPEARANCE		REPORT	Clear, colorless liquid		
COLOR	APHA	<= 5	<5		
EVAPORATION RESIDUE	ppm	<= 1	<1		
LC GRADIENT AT 205 NM	mAU	<= 5.4	<5.4		
LC GRADIENT AT 254 NM	mAU	<= 1.4	<1.4		
OPTICAL ABS AT 200 NM	ABSORBANCE UNITS	<= 0.01	<0.01		
OPTICAL ABS AT 254 NM	ABSORBANCE UNITS	<= 0.005	<0.001		
OPTICAL ABS AT 300 NM	ABSORBANCE UNITS	<= 0.005	<0.001		
OPTICAL ABS AT 400 NM	ABSORBANCE UNITS	<= 0.005	<0.001		
PH AT 25 DEGREES C		Inclusive Between 5.5 - 7.0	6.5		

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Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above. If there are any questions with this certificate, please call at (800) 227-6701. *Based on suggested storage condition.