



Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

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	04/30/2019
Lot Number	192105		
Description	WATER - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Apr/2024
Chemical Origin	Inorganic-non animal		
BSE/TSE Comment			
Chemical Comment			

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, Colorless liquid
COLOR	APHA	<= 5	<5
EVAPORATION RESIDUE	ppm	<= 1	0.1
LC GRADIENT AT 205 NM	mAU	<= 5.4	<5.4
LC GRADIENT AT 254 NM	mAU	<= 1.4	<1.4
PH AT 25 DEGREES C		Inclusive Between 5.5 - 7.0	6.9
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
OPTICAL ABS AT 200 NM	ABSORBANCE UNITS	<= 0.01	<0.01

Quality Assurance Specialist - Certificate of Analysis 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.