

Certificate of Analysis

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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	C184	Quality Test / Release Date	06/21/2022	
Lot Number	219448			
Description	CARBON DISULFIDE, A.C.S.			
Country of Origin	United States	Suggested Retest Date	Jun/2023	
Chemical Origin	Organic - non animal			
BSE/TSE Comment	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.			

N/A				
Result Name	Units	Specifications	Test Value	
APPEARANCE		REPORT	Clear, colorless liquid free of suspended matter	
ASSAY	%	>= 99.9	99.98	
COLOR	APHA	<= 10	10	
EVAPORATION RESIDUE	%	<= 0.002	0.0002	
HYDROGEN SULFIDE	PASS/FAIL	= P.T. (ABOUT 1.5 PPM)	P.T. (ABOUT 1.5 PPM)	
SULFUR DIOXIDE	PASS/FAIL	= P.T. (ABOUT 2.5 PPM)	P.T. (ABOUT 2.5 PPM)	
WATER (H2O)	%	<= 0.05	<0.05	

Ira Marootian - Quality Control Manager - Bridgewater