

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	11119	Quality Test / Release Date	01/18/2021
Lot Number	B0542855A		
Description	CYCLOHEXANONE, 99.8%		
Country of Origin	United States	Suggested Retest Date	Jan/2026
Comment	We believe this product does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) in quantities exceeding the limits specified in Annex II of Directive 2011/65/EU: 0.1% by weight for lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE); 0.01% weight for cadmium.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	COLORLESS LIQUID
ASSAY	%	>= 99.75	99.95
COLOR	APHA	<= 20	5
CYCLOHEXANOL	%	<= 0.2	0.026
DENSITY AT 20 DEGREES C	G/ML	Inclusive Between 0.944 - 0.950	0.947
IDENTIFICATION	PASS/FAIL	IN PASS TEST	PASS TEST
INFRARED SCAN	CONFORMS	IN CONFORMS TO REF	CONFORMS TO REF
REFRACTIVE INDEX @ 20 DEG C		Inclusive Between 1.4450 - 1.4520	1.4507
WATER (H2O)	%	<= 0.2	0.15



Julian Burton - Quality Control Manager - Bridgewater

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.