

## 502409 M2517

## 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 – 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	A935	Quality Test / Release Date	07/08/2024		
Lot Number	242696				
Description	METHANOL LOW WATER, A.C.S.				
Country of Origin	Venezuela	Suggested Retest Date	Jul/2029		
Chemical Origin	Organic - synthetic				
BSE/TSE Comment	No materials derived from animals or humans were used to make or process this chemical, and the equipment used to process this chemical is not used to process any material derived from animals or humans.				

N/A				
Result Name	Units	Specifications	Test Value	
APPEARANCE		REPORT	Clear, colorless liquid free of suspended matter	
ASSAY	%	>= 99.8	99.99	
CARBONYL COMPOUNDS	%	<= 0.001	<0.001	
COLOR	APHA	<= 5	5	
EVAPORATION RESIDUE	ppm	<= 5	<0.1	
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST	
SOLUBILITY IN WATER	PASS/FAIL	= PASS TEST	PASS TEST	
SUBSTANCES DARKENED BY H2SO4	PASS/FAIL	= PASS TEST	PASS TEST	
SUBSTANCES REDUCING KMNO4	PASS/FAIL	= PASS TEST	PASS TEST	
TITRATABLE ACID	MEQ/G	<= 0.0003	0.0002	
TITRATABLE BASE	MEQ/G	<= 0.0002	0.00003	
WATER (H2O)	%	<= 0.008	0.002	

Rulyan Varuchin

Kalyan Paruchuri - Quality Control Supervisor - Bridgewater