

Aqua Solutions, Inc.
6913 Highway 225
Deer Park, TX, 77536
281/479-2569
Certificate of Analysis / QC Results
Customer PO # :

Packaged Product: EM-GX0185-5			
GLYCEROL (GLYCERIN) REAGENT ACS (4 LITERS)			
Test	Target/UOM	Range	Result
ASSAY OF MATERIAL	$\geq 99.5\%$ %		$\geq 99.99\%$
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
ACROLEIN AND GLUCOSE	PASSES		PASSES
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
CHLORINATED COMPOUNDS (as CL)	$\leq 0.003\%$ %		$< 0.0030\%$
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
COLOR APHA	≤ 10 COLOR APHA		< 10
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
FATTY ACID ESTERS (AS BUTYRIC ACID)	$\leq 0.05\%$ FATTY ACID		0.009%
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
HEAVY METALS AS LEAD	≤ 2 PPM %		< 2 PPM
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
INFRARED SPECTRUM	CONFORMS		CONFORMS
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			
NEUTRALITY	PASSES PASS		PASSES TEST
Sample ID			
Tested 03/11/25			
Tester TBUR			
Recorded 03/11/25			

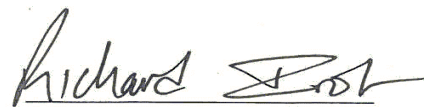
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RES. AFTER IGNITION	<= 0.005% %	<0.0001%
Sample ID		
Tested	03/11/25	
Tester	TBUR	
Recorded	03/11/25	
SUBSTANCES DARKENED BY SULFURIC ACID	PASSES PASS	PASSES
Sample ID		
Tested	03/11/25	
Tester	TBUR	
Recorded	03/11/25	
Sulfate	<= 0.001% W/W%	<0.0010%
Sample ID		
Tested	03/11/25	
Tester	TBUR	
Recorded	03/11/25	
WATER CONTENT	<= 0.5% %	0.062%
Sample ID		
Tested	03/11/25	
Tester	TBUR	
Recorded	03/11/25	
RELEASE DATE	MM/DD/YYYY DD/MM/YYYY	03/05/2024
Sample ID		
Tested	03/11/25	
Tester	TBUR	
Recorded	03/11/25	
Lot #	506505	
Made	03/06/25	

This is to certify that the product listed above has been prepared according to the agreed upon formulation. The solutions producer has a Quality Management System which governs each step of the manufacturing process to insure the production of a consistent product. Traceability from the producer's lot numbers to the original manufacturer's lot number is maintained. Certificates of Analysis for the raw materials used to prepare this product are available upon request.

The weights and/or volumes used to prepare this product are N.I.S.T. Traceable. All balances used in the preparation of product are calibrated daily against N.I.S.T. Traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is N.I.S.T. Traceable and certified as meeting Class A specifications.

Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.



Quality Manager