

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

Customer PO # :

Packaged P	Product:	ND497F			
		Density	Standard Ultra Pure W	later	
Test			Target/UOM	Range	Result
PREPARED TO	O FORMUL	ATION ON	YES	.	YES
FILE			YES		
Sa	ample ID				
Τe	ested	10/09/23			
Τe	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @ 10	0°C		0.99970	0.99968 - 0.99972	0.99970
			GM/CM3		
Sa	ample ID				
Τe	ested	10/09/23			
Τe	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @ 15	5°C		0.99910	0.99908 - 0.99912	0.99910
			GM/CM3		
Sa	ample ID				
Τe	ested	10/09/23			
Te	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @ 15.56°C (60°F)		'F)	0.99901	0.99899 - 0.99903	0.99901
			GM/ML		
Sa	ample ID				
Τe	ested	10/09/23			
Te	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @20	°C		0.99820	0.99818 - 0.99822	0.99820
			GM/CM3		
Sa	ample ID				
Τe	ested	10/09/23			
Τe	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @ 25	5°C		0.99704	0.99702 - 0.99706	0.99704
			GM/CM3		
Sa	ample ID				
Τe	ested	10/09/23			
Te	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @ 30	0°C		0.99565	0.99563 - 0.99567	0.99565
			GM/CM3		
Sa	ample ID				
Τe	ested	10/09/23			
Τe	ester	AROS			
Re	Recorded	10/09/23			
DENSITY @ 35	5°C		0.99403	0.99401 - 0.99405	0.99403
			GM/CM3		
Sa	ample ID				
Te	ested	10/09/23			
Te		AROS			
R	Recorded	10/09/23			



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Customer PO # :

Sample ID Tested 1/09/23 Recorded 1/09/23 DENSITY @ 45°C 0.99021 0.99019 - 0.99023 0.99021 DENSITY @ 45°C 0.99021 Tested 1/09/23 Tester AROS Recorded 1/09/24 Tester AROS Recorded 1/09/25 Tester AROS Record	DENSITY @ 40°C		0.99221 GM/CM3	0.99219 - 0.99223	0.99221
Tested 10/09/23 Tester AROS Recorded 10/09/23 DENSITY @ 45°C 0.99021 0.99019 - 0.99023 0.99021 Sample ID GM/CM3 0.99021 0.99021 Tested 10/09/23 0.99019 - 0.99023 0.99021 Tester AROS 0.99021 0.99021 Tester NCS 0.98803 0.98801 - 0.99805 0.98803 DENSITY @ 50°C 0.98803 0.98801 - 0.99805 0.98803 Sample ID GM/CM3 0.98801 - 0.99805 0.98803 PERARINCE AND COLVER GM/CM3 0.98801 - 0.99805 0.98803 APPEARANCE AND COLVER CLEAR LIQUID PASS Recorded 10/09/23 APPEARANCE PASS Recorded 10/09/23 APPEARANCE PASS Recorded 10/09/23 APPEARANCE PASS Recorded 10/09/23 APPEARANCE PASS Sample ID MM/DD/YYY GC.EF1-M16,M55 MM/DD/YYYY MM/DD/YYY GC.EF1-	Sample ID				
Tester AROS Recorded 10/09/23 0.99021 0.99019 - 0.99023 0.99021 DENSITY @ 4°C 0/09/23 0.99021 0.99021 0.99021 Tested 10/09/23 0.9803 0.98031 - 0.9805 0.98803 DENSITY @ 50°C 0.98803 0.98801 - 0.9805 0.98803 0.98803 DENSITY @ 50°C 0.98803 0.98801 - 0.9805 0.98803 0.98803 DENSITY @ 50°C GM/CM3 0.98803 0.98803 0.98803 0.98803 DENSITY @ 50°C GM/CM3 GM/CM3 0.98803 0.98803 0.98803 DENSITY @ 50°C GM/CM3 GM/CM3 0.98803 0.98803 0.98803 Sample ID GENDER APPEARANCE AND CO-V PASS PASS Recorded 10/09/23 M/MDD/YY GC_EF1-M16,M55 Recorded 10/09/23 M/MDD/YYY GC_EF1-M16,M55 Sample ID M/MDD/YYY M/MDD/YY GC_EF1-M16,M55 Sample ID GM/S GM/S GM/S Reco	-	10/09/23			
DENSITY @ 45°C 0.99021 0.99019 - 0.99023 0.99021 GM/CM3 GM/CM3 GM/CM3 GM/CM3 Tested 10/09/23 GM/CM3 0.98801 - 0.99805 0.98803 DENSITY @ 50°C 0.98803 0.98801 - 0.99805 0.98803 0.98803 DENSITY @ 50°C 0.98803 0.98801 - 0.99805 0.98803 0.98803 Sample ID GM/CM3 GM/CM3 GM/CM3 GM/CM3 Sample ID GM/CM3 GM/CM3 GM/CM3 GM/CM3 APPEARANCE AND COLOR CLEAR LIQUID PASS PASS Sample ID Tested 10/09/23 GM/CM3 GC,EF1-M16,M55 Sample ID Tested 10/09/23 GM/CM3 GC,EF1-M16,M55 EXPIRATION DATE MM/DD/YYYY GC,EF1-M16,M55 MM/DD/YYYY Sample ID Tester AROS GM/CM3 GC,EF1-M16,M55 Tester AROS GM/CM3 GC,EF1-M16,M55 GM/CM3 GENERATION DATE MM/DD/YYYY GC,EF1-M16,M55 GM/CM3 GM/CM3 Tester AROS GM/CM3 GM/CM3 GM/CM3	Tester				
GM/CM3 Sample ID Tested 10/09/23 Tester AROS Recorded 10/09/23 DENSITY @ 50°C 0.98803 0.98801 - 0.99805 0.98803 Sample ID GM/CM3 GM/CM3 GM/CM3 APPEARANCE AND COLOR CLEAR LIQUID PASS Recorded 10/09/23 APPEARANCE PASS Recorded 10/09/23 APPEARANCE Fester AROS Recorded 10/09/23 APPEARANCE Fester AROS Recorded 10/09/23 Fester AROS Fester AROS Recorded 1	Recorded	10/09/23			
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Tester AROS Recorded 0/09/23 DENSITY @ 50°C 0.98803 0.98801 - 0.99805 0.98803 DENSITY @ 50°C 0.98803 0.98801 - 0.99805 0.98803 Sample ID GM/CM3 GM/CM3 GM/CM3 Sample ID Tested 10/09/23 PASS APPEARANCE AND CO-R CLEAR LIQUID PASS APPEARANCE AND CO-R CLEAR LIQUID PASS Sample ID APPEARANCE PASS Tester AROS APPEARANCE APPEARANCE Sample ID Tested 10/09/23 Fester AROS Recorded 10/09/23 MM/DD/YY GC,EF1-M16,M55 EXPIRATION DAT MM/DD/YYYY GC,EF1-M16,M55 Sample ID MM/DD/YYYY GC,EF1-M16,M55 Sample ID Tested 10/09/23 GU/GU/GU/GU/GU/GU/GU/GU/GU/GU/GU/GU/GU/G	Sample ID				
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Sample ID Tested 10/09/23 Tester AROS Recorded 10/09/23 APPEARANCE AND COULT CLEAR LIQUID Sample ID APPEARANCE Tester AROS Recorded 10/09/23	DENSITY @ 50°C			0.98801 - 0.99805	0.98803
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EXPIRATION DATE MM/DD/YY MM/DD/YYYY Sample ID Tested 10/09/23 Tester AROS Recorded 10/09/23 Lot # 3100950	Tester	AROS			
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Tested 10/09/23 Tester AROS Recorded 10/09/23 Lot # 3100950			MM/DD/YYYY		
Tester AROS Recorded 10/09/23 Lot # 3100950	Sample ID				
Recorded 10/09/23 Lot # 3100950	Tested	10/09/23			
Lot # 3100950	Tester	AROS			
	Recorded	10/09/23			
	Lot # 31009	50			
		, 20			

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.

ichard Stol

Quality Manager