



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

Test	Target/UOM	Range	Result
Packaged Product: P7601 PROPYLENE GLYCOL (1,2-PROPANNEDIOL) REAGENT ACS GRADE			
ASSAY OF MATERIAL	MIN 99.50%		99.95%
	%		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
DISTILLATION TEMP IBP °C	MIN 185°C		186.8 DEG C
	TEMP		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
DISTILLATION DRY POINT	MAX 189°C		187.8 DEG C
	DEG C		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
REFRACTIVE INDEX (20 DEG C)	1.432	1.431 - 1.433	1.433
	REFRACT		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
REDUCING SUBSTANCES	PASS		PASS
	PASS		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
APPEARANCE AND COLOR	CLEAR AND BRIGHT		CLEAR AND COLORLESS
	APPEARANCE		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
WATER CONTENT	MAX 0.2%		0.011%
	%		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			
REFRACTIVE INDEX	0.0000	= 0.0000	1.4330
	REFRACTIVE INDE		
Sample ID			
Tested 01/19/23			
Tester TBUR			
Recorded 01/19/23			



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IDENTIFICATION A		PASS
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
IDENTIFICATION B		PASS
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
COLOR	MAX 10 APHA PT-CO	PASS
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
ACIDITY AS ACETIC ACID	MAX 0.005 % WT%	0.0003%
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
SPECIFIC GRAVITY @ 25/25 DEG C	1.036 SPEC GRAVITY	1.038
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
RESIDUE AFTER IGNITION	MAX 70 MG/KG %	0.0028%
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
MANUFACTURE DATE	MM/DD/YY MM/DD/YYYY	08/27/22
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	08/26/24
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	
SHELF LIFE OF PRODUCT	SHELF LIFE TIME	2 YEARS
Sample ID		
Tested	01/19/23	
Tester	TBUR	
Recorded	01/19/23	



Aqua Solutions, Inc.
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Date: 01/19/23 at 1:32 PM

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Lot #	301103
Made	01/11/23

Quality Manager