



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

Packaged Product: 0040			
ACETIC ACID 1.0 NORMAL			
Test	Target/UOM	Range	Result
FORMULA	CH3COOH		CH3COOH
	FORMULA		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
MOLECULAR WEIGHT	60	= 60	60
	MOL. WT.		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
EXPIRATION DATE	MM/DD/YY		10/30/24
	MM/DD/YYYY		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
ANIMAL OR NON-ANIMAL ORIGIN	NON-ANIMAL		NON-ANIMAL
	ORIGIN		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
SHELF LIFE OF PRODUCT	SHELF LIFE		1 YEAR
	TIME		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
Actual Normality	1.0000	0.9991 - 1.0009	0.9998
	EQ/L		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
QCSP37:STANDARDIZATION	YES		YES
ACETIC ACID SOLN	QCSP37		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		
N.I.S.T. Traceable to SRM 84	Yes		YES
	YES		
Sample ID			
Tested	10/17/23		
Tester	AFRE		
Recorded	10/17/23		



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PREPARED TO FORMULATION ON FILE	YES YES	YES
Sample ID		
Tested	10/17/23	
Tester	AFRE	
Recorded	10/17/23	
SAMPLE COLLECTION & HANDLING PER LAB040	YES YES	YES
Sample ID		
Tested	10/17/23	
Tester	AFRE	
Recorded	10/17/23	
APPEARANCE AND COLOR	CLEAR WATER WHITE LIQUID APPEARANCE	PASS
Sample ID		
Tested	10/17/23	
Tester	AFRE	
Recorded	10/17/23	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M112,VF5-L15
Sample ID		
Tested	10/17/23	
Tester	AFRE	
Recorded	10/17/23	
CAS NUMBER	64197(ACETIC ACID) CAS#	64197(ACETIC ACID)
Sample ID		
Tested	10/17/23	
Tester	AFRE	
Recorded	10/17/23	
Lot #	3101226	
Made	10/17/23	

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