

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

## Customer PO # :

SULFURIC ACID V/V% Sample ID Fested 03/01/24 Tested 03/01/24 Actual Density 1.35679 1.34569 - 1.36787 1.36000 Actual Density 1.35679 1.34569 - 1.36787 1.36000 MI Sample ID Tested 03/01/24 APPEARANCE AND CU- Recorded 03/01/24 APPEARANCE CAND CU- Recorded 03/01/24 Tester MCUR Fester MCUR Recorded 03/01/24 Tester MCUR Recorded 03/01/24 T	Packaged Product:				
PREPARED TO FORMULATION ON         YES         YES           FILE         YES         YES           Sample ID         Tested         03/01/24           Tested         03/01/24         33.3           CALCULATED VOLUME PERCENT         33.3         33.1 - 33.5           Supple ID         Tested         03/01/24           CALCULATED VOLUME PERCENT         33.3         33.1 - 33.5           Supple ID         Tested         03/01/24           Tested         03/01/24         33.7           Tested         03/01/24         33.3           Actual Density         1.35679         1.34569 - 1.36787           Recorded         03/01/24         33.6           Tested         03/01/24         33.7           Recorded         03/01/24         33.7           Tester         MCUR         AppEARANCE           Recorded         03/01/24         PASS           APPEARANCE         ADPEARANCE         PASS           Sample ID         Tested         03/01/24           Tested         03/01/24         QC,VF12-3,VF6-W9,T           Recorded         03/01/24         GC,VF12-3,VF6-W9,T           Recorded         03/01/24         GC,VF12-3,VF6-W9		SULFURI	C ACID 1:2 SOLUTION (3	33.3%)	
YESSample JTested03/01/24TesterMCURRecorded03/01/24CALCULATED VOLUME VECENT33.333.1 - 33.5SULFURIC ACDV/V%Sample JV/V%Tested03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURSample JTesterTested03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURSample IDTesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24TesterMCURRecorded03/01/24Tester </th <th></th> <th></th> <th>Target/UOM</th> <th>Range</th> <th>Result</th>			Target/UOM	Range	Result
Sample ID       Tested       03/01/24         Tester       MCUR         Recorded       03/01/24         CALCULATED VOLUE FERCENT       33.3       33.1 - 33.5       33.3         SulfURIC ACID       V/V%       33.3       33.1 - 33.5       33.3         SulfURIC ACID       V/V%       33.3       33.1 - 33.5       33.3         SulfURIC ACID       V/V%       33.1 - 33.5       33.3         SulfURIC ACID       V/V%       33.1 - 33.5       33.3         Sumple ID       Tested       03/01/24       30.000         Recorded       03/01/24       30.000       1.34569 - 1.36787       1.36000         Sample ID       GM/ML       1.36679       1.34569 - 1.36787       1.36000         Sample ID       GM/ML       APPEARANCE AND CUV       PASS         APPEARANCE AND CUV       CLEAR LIQUID       PASS         APPEARANCE AND CUV       APPEARANCE       APPEARANCE         Sample ID       Sample ID       GC.VF12-3.VF6-W9,T         Tested       03/01/24       GC.VF12-3.VF6-W9,T         PREPARATION       GC.VF12-3.VF6-W9,T       GC.VF12-3.VF6-W9,T         Sample ID       Tester       MCUR       GC.VF12-3.VF6-W9,T	PREPARED TO FORMU	LATION ON			YES
Tested         03/01/24           Tested         MCUR           Recorded         03/01/24           CALCULATED VOLUME PERCENT         33.3         33.1 - 33.5         33.3           Sample ID         V/V%         V/V%           Sample ID         V/V%         X           Tester         MCUR         X           Recorded         03/01/24         X         X         X           Recorded         03/01/24         X         X         X         X           Recorded         03/01/24         X	FILE		YES		
Tester         MCUR Recorded         03/01/24           CALCULATED VOLUME PERCENT         33.3         33.1 - 33.5         33.3           SulFURC ACID         V/V%         X         X           Sample ID Tested         03/01/24         X         X           Recorded         03/01/24         X         X           Recorded         03/01/24         X         X           Actual Density         1.35679         1.34569 - 1.36787         1.36000           GM/ML         GM/ML         X         X         X           Recorded         03/01/24         X         X         X           Actual Density         CLEAR LIQUID         X         X         X           Recorded         03/01/24         X         X         X           APPEARANCE AND COLV         CLEAR LIQUID         PASS         X           APPEARANCE AND COLV         CLEAR LIQUID         PASS         X           Recorded         03/01/24         X         X         X           Instruments USED UN         INSTRUMENT         GC.VF12-3.VF6-W9.T         X           Recorded         03/01/24         X         X         X           Tested         03/01/24	Sample ID				
Recorded         03/01/24           CALCULATED VOLUME VERCENT         33.3         33.1 - 33.5         33.3           SULFURICACID         V/V%         33.3         33.1 - 33.5         33.3           Sample ID         V/V%         V/V%         33.3         33.1 - 33.5         33.3           Sample ID         Tested         0/01/24         30.01/24         30.01/24         30.01/24           Recorded         0/01/24         0.000         0.000         0.000         0.000           Sample ID         GM/ML         1.35679         1.34569 - 1.36787         1.36000         0.000           Sample ID         GM/ML         GM/ML         1.36000         0.000         0.000         0.000           APPEARANCE AND COV         Recorded         0.301/24         PAPEARANCE         PASS         PAPEARANCE           Sample ID         Tested         0.301/24         PAPEARANCE         PASS           Sample ID         Recorded         0.301/24         GC.VF12-3.VF6-W9.T           Tested         0.301/24         GC.VF12-3.VF6-W9.T         GC.VF12-3.VF6-W9.T           INSTRUMENTS USED UND         NSTRUMENT         GC.VF12-3.VF6-W9.T         GC.VF12-3.VF6-W9.T           Tester         0.301/24	Tested	03/01/24			
CALCULATED VOLUME PERCENT         33.3         33.1 - 33.5         33.3           SULFURIC ACID         V/V%         33.3         33.1 - 33.5         33.3           Sumple ID         Tested         03/01/24         30.0         30.0           Recorded         03/01/24         30.0         30.0         30.0           Actual Density         1.35679         1.34569 - 1.36787         1.36000           Sample ID         GM/ML         6         6         6         6           Tested         03/01/24         7         7         6         6           Recorded         03/01/24         7         7         7         6           Recorded         03/01/24         7         7         7         7         7           Recorded         03/01/24         7	Tester	MCUR			
SULFURIC ACID V/V% Sample ID Tested 03/01/24 Tested 03/01/24 Tested 03/01/24 Actual Density I.35679 1.34569 - 1.36787 1.36000 MU Actual Density I.35679 1.34569 - 1.36787 1.36000 MU Actual Density I.35679 I.34569 - 1.36787 I.36000 MU Sample ID Tested 03/01/24 APPEARANCE AND CU- Recorded 03/01/24 Tester MCUR Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24 Te	Recorded	03/01/24			
Sample ID Tester 03/01/24 Tester MCUR Recorded 03/01/24 Actual Density 1.35679 1.34569 - 1.36787 1.36000 Actual Density 1.35679 1.34569 - 1.36787 1.36000 GM//ML Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24 Tester MCUR	CALCULATED VOLUME	<b>PERCENT</b>	33.3	33.1 - 33.5	33.3
Tested         03/01/24           Tester         MCUR           Recorded         03/01/24           Actual Density         1.35679         1.34569 - 1.36787         1.36000           GM/ML         GM/ML         1.36000         1.36000         1.36000           Sample ID         GM/ML         PASS         PASS           APPEARANCE AND CO-VIE         CLEAR LIQUID         PASS           Sample ID         APPEARANCE         MCUR         PASS           Sample ID         Sample ID         Sample ID         GC,VF12-3,VF6-W9,T           INSTRUMENTS USED USE         INSTRUMENT         GC,VF12-3,VF6-W9,T           PREPARATON         Sample ID         Sample ID         GC,VF12-3,VF6-W9,T           Sample ID         Sample ID         Sample ID         GC,VF12-3,VF6-W9,T           PREPARATON         Sample ID         Sample ID         GC,VF12-3,VF6-W9,T	SULFURIC ACID		V/V%		
Tester         MCUR Recorded         03/01/24           Actual Density         1.35679         1.34569 - 1.36787         1.36000           GM/ML         GM/ML         1.36000         1.36000         1.36000           Sample ID         Tested         03/01/24         1.36000         1.36000           Tester         MCUR         NCUR         NCUR         NCUR           APPEARANCE AND CUC         CLEAR LIQUID         PASS         NCUR           APPEARANCE AND CUC         CLEAR LIQUID         PASS         NCUR           Sample ID         APPEARANCE         PASS         NCUR           INSTRUMENTS USED USED         NSTRUMENT         GC,VF12-3,VF6-W9,T           PREPARATON         Sample ID         GC,VF12-3,VF6-W9,T           Sample ID         NSTRUMENT         GC,VF12-3,VF6-W9,T           PREPARATON         Sample ID         GC,VF12-3,VF6-W9,T           Sample ID         Sample ID         GC,VF12-3,VF6-W9,T           Sample ID         Sample ID         GC,VF12-3,VF6-W9,T           Sample ID         MCUR         GC,VF12-3,VF6-W9,T	Sample ID				
Recorded         03/01/24           Actual Density         1.35679         1.34569 - 1.36787         1.36000           GM/ML         GM/ML         1.36000         1.36000           Sample ID         GM/ML         Fester         MCUR           Tester         MCUR         PASS           Recorded         03/01/24         PASS           APPEARANCE ADD CUC         CLEAR LIQUID         PASS           APPEARANCE ADD CUC         CLEAR LIQUID         PASS           Sample ID         APPEARANCE         PASS           Tested         03/01/24         PASS           Tested         03/01/24         PASS           Recorded         03/01/24         PASS           Tested         03/01/24         PASS           Recorded         03/01/24         PASS           Recorded         03/01/24         PASS           Recorded         03/01/24         PASS           PREPARATURU         GC,VF12-3,VF6-W9,T           Sample ID         Sample ID         Sample ID           Fester         MCUR         GC,VF12-3,VF6-W9,T	Tested	03/01/24			
Actual Density       1.35679       1.34569 - 1.36787       1.36000         GM/ML       GM/ML       GM/ML       1.36000         Sample ID       Tester       MCUR       PASS         APPEARANCE AND COURD       CLEAR LIQUID       PASS         APPEARANCE AND COURT       CLEAR LIQUID       PASS         Sample ID       Tester       MCUR         Tester       MCUR       PASS         Sample ID       Tester       MCUR         Tester       MCUR       PASS         Recorded       03/01/24       Fester         INSTRUMENTS USED USEND       INSTRUMENT       GC,VF12-3,VF6-W9,T         Sample ID       Tested       03/01/24         PREPARATION       INSTRUMENT       GC,VF12-3,VF6-W9,T         Sample ID       Tested       03/01/24         Tested       03/01/24       INSTRUMENT         Sample ID       Tested       03/01/24         Tested       03/01/24       INSTRUMENT         Sample ID       Tested       03/01/24	Tester	MCUR			
GM/ML Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24 APPEARANCE AND COUVER APPEARANCE AND COUVER APPEARANCE Sample ID Tested 03/01/24 Recorded 03/01/24 Recorded 03/01/24 INSTRUMENTS USED URING INSTRUMENT PREPARATION Sample ID Tested 03/01/24 Tester MCUR Sample ID Tested 03/01/24 Tester MCUR	Recorded	03/01/24			
Sample ID       3/01/24         Tester       MCUR         Recorded       03/01/24         APPEARANCE AND COUL       CLEAR LIQUID         APPEARANCE       APPEARANCE         Sample ID       APPEARANCE         Tester       MCUR         Recorded       03/01/24         Tester       MCUR         Recorded       03/01/24         Tester       MCUR         Recorded       03/01/24         Tester       INSTRUMENT         Sample ID       INSTRUMENT         Sample ID       GC,VF12-3,VF6-W9,T         PREPARATION       GC,VF12-3,VF6-W9,T         Sample ID       Tester         Sample ID       GC,VF12-3,VF6-W9,T         Tester       MCUR	Actual Density		1.35679	1.34569 - 1.36787	1.36000
Tested 03/01/24 Tester MCUR Recorded 03/01/24 APPEARANCE AND COLOR APPEARANCE CAND COLOR Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24 INSTRUMENTS USED UNING INSTRUMENT GC,VF12-3,VF6-W9,T PREPARATION Sample ID Tested 03/01/24 Tester MCUR			GM/ML		
Tester MCUR Recorded 03/01/24 APPEARANCE AND COLEX CLEAR LIQUID PASS APPEARANCE Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24 INSTRUMENTS USED URING INSTRUMENT GC,VF12-3,VF6-W9,T PREPARATION Sample ID Tested 03/01/24 Tester MCUR	Sample ID				
Recorded       03/01/24         APPEARANCE AND COUR       CLEAR LIQUID APPEARANCE         Sample ID         Tested       03/01/24         Tester       MCUR         Recorded       03/01/24         Tester       MCUR         Recorded       03/01/24         INSTRUMENTS USED UNING       INSTRUMENT         Sample ID       GC,VF12-3,VF6-W9,T         Sample ID       Tester         Sample ID       MCUR         Tester       MCUR	Tested	03/01/24			
APPEARANCE AND COLOR CLEAR LIQUID APPEARANCE  Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24  INSTRUMENTS USED UNIS INSTRUMENT GC,VF12-3,VF6-W9,T  PREPARATION  Sample ID Tested 03/01/24 Tester MCUR	Tester	MCUR			
APPEARANCE Sample ID Tested 03/01/24 Tester MCUR Recorded 03/01/24 INSTRUMENTS USED UNISTRUMENT GC,VF12-3,VF6-W9,T PREPARATION Sample ID Tested 03/01/24 Tester MCUR	Recorded	03/01/24			
Sample ID         Tested       03/01/24         Tester       MCUR         Recorded       03/01/24         INSTRUMENTS USED UNIC       INSTRUMENT         PREPARATION       GC,VF12-3,VF6-W9,T         Sample ID       Tested         Tested       03/01/24         MCUR       MCUR	APPEARANCE AND COLOR		CLEAR LIQUID		PASS
Tested       03/01/24         Tester       MCUR         Recorded       03/01/24         INSTRUMENTS USED URING       INSTRUMENT         GC,VF12-3,VF6-W9,T         PREPARATION         Sample ID         Tested       03/01/24         Tested       03/01/24         MCUR       03/01/24			APPEARANCE		
Tested       03/01/24         Tester       MCUR         Recorded       03/01/24         INSTRUMENTS USED URING       INSTRUMENT         GC,VF12-3,VF6-W9,T         PREPARATION         Sample ID         Tested       03/01/24         Tested       03/01/24         MCUR       03/01/24	Sample ID				
Recorded 03/01/24 INSTRUMENTS USED DURING INSTRUMENT GC,VF12-3,VF6-W9,T PREPARATION Sample ID Tested 03/01/24 Tester MCUR	-	03/01/24			
Recorded       03/01/24         INSTRUMENTS USED DURING       INSTRUMENT         PREPARATION       GC,VF12-3,VF6-W9,T         Sample ID       Tested         Tester       MCUR					
PREPARATION Sample ID Tested 03/01/24 Tester MCUR	Recorded				
Sample ID Tested 03/01/24 Tester MCUR	INSTRUMENTS USED D	URING	INSTRUMENT		GC,VF12-3,VF6-W9,T-25
Tested 03/01/24 Tester MCUR	PREPARATION				
Tested 03/01/24 Tester MCUR	Sample ID				
		03/01/24			
	Tester	MCUR			
	Recorded	03/01/24			
Lot # 4022982	Lot # 40229	82			
Made 03/01/24					

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.

huland SPA