

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

## Customer PO # :

Packaged Product: CY201F REAGENT 2 (K2C03/PYRAZOLINE) Test Target/UOM Range Result PREPARED TO FORMULATION ON YES YES FILE YES Sample ID Tested 0320/24 Tested 0320/24 APPEARANCE AND COLOR OLIVE GREEN TO ORANGE Recorded 03/20/24 Tested 03/20/24 Tester GWEB Recorded 03/20/24 Tester 04/25 Recorded 03/20/24 Tester 04/25 Tester 04/25 Recorded 03/20/24 Tester 04/25 Recorded 04/25 Recorded 04/25 Recorded 04/25 Recorded 04/25 Recorded 04/25 Recorded 04/25 Recorded 0				
Test     Target/UOM     Range     Result       PREPARED TO FORMULATION ON     YES     YES       FILE     Sample ID     YES       Tested     03/20/24     Sample ID       Tested     03/20/24     PASS       Recorded     03/20/24     PASS       Recorded     03/20/24     PASS       ILOUID     APPEARANCE     PASS       Sample ID     INSTRUMENTS     M100,VF4.N12,GC       PREPARATION     Sample ID     INSTRUMENT       Recorded     03/20/24     M10D/YYYY       Recorded     03/20/24     M10D/YYYY       Recorded     03/20/24     M10D/YYYY       Recorded     03/20/24     05/25/2024       Sample ID     Itested     03/20/24       Recorded     03/20/24     2.00       R	Packaged Product:	CY261F		
PREPARED TO FORMULATION ON YES YES FILE YES Sample ID Tested 03/20/24 Tester GWEB Recorded 03/20/24 APPEARANCE AND COLOR OLOR OLOR OLOR OLOR ANGE LIQUID APPEARANCE AND COLOR OLOR OLOR OLOR ANGE LIQUID Tested 03/20/24 Tester GWEB Recorded 03/20/24 Tester GWEB Tester GWEB		REAGENT 2 (K2CO3/PYRAZOLINE)		
PREPARED TO FORMULATION ON YES YES FILE YES Sample ID Tested 03/20/24 Tester GWEB Recorded 03/20/24 APPEARANCE AND COLOR OLOR OLOR OLOR OLOR ANGE LIQUID APPEARANCE AND COLOR OLOR OLOR OLOR ANGE LIQUID Tested 03/20/24 Tester GWEB Recorded 03/20/24 Tester GWEB Tester GWEB	Test	Target/UOM	Range	Result
Sample IDTested03/20/24APPEARANCE AND C0 UVEOLIVE GREEN TO ORANGEAPPEARANCE AND C0 UVEOLIVE GREEN TO ORANGEAPPEARANCE AND C0 UVEOLIVE GREEN TO ORANGESample IDAPPEARANCESample IDAPPEARANCETested03/20/24Tested03/20/2			¥	YES
Tested       03/20/24         Tested       03/20/24         APPEARANCE AND COUNCH       PASS         LIQUID       APPEARANCE         Sample ID       APPEARANCE         Tested       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Reco	FILE	YES		
Tested       03/20/24         Tested       03/20/24         APPEARANCE AND COUNCH       PASS         LIQUID       APPEARANCE         Sample ID       APPEARANCE         Tested       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Reco	Sample ID			
Tester Recorded       GW2B 3/20/24         APPEARANCE AND COUNT GREEN TO ORANGE LIQUID       PASS         Sample ID       LIQUID         Tester       GW2B         Tester       GW2B         Recorded       03/20/24         Tester       GW2B         Recorded       03/20/24         Tester       MU10,VF4-N12,GC         PREPARATION       M100,VF4-N12,GC         Sample ID       MMDD/YYYY         Tester       GW2B         Recorded       03/20/24         Tester       GW2B         Recorded       03/20/24         Tester       GW2B         Sample ID       MM/DD/YYYY         Sample ID       QU0       1.98 - 2.02       2.00         CALCULATED W/V% PV TASUM       QU0       1.98 - 2.02       2.00         CARBONATE       W/V%       QU0       1.98 - 2.02       2.00         Sample ID       QU0       1.98 - 2.02       2.00         Gample ID       QU0       1.98 - 2.02       2.00	-	3/20/24		
Recorded       03/20/24         APPEARANCE AND COUST       OLIVE GREEN TO ORANGE LIQUID         APPEARANCE       APPEARANCE         Sample ID       APPEARANCE         Tested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         PREPARATON       M100,VF4-N12,GC         PREPARATON       M100,VF4-N12,GC         Recorded       03/20/24         Fested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYY         CALULATED W/V*       V/V%         CARBONATE       W/V%         Sample ID       V/V%         Tested       03/20/24         Tested       03/20/24         Recorded       03/20/24         Tested       03/20/24         Tested				
LIQUID APPEARANCE           Sample J Tested         03/20/24           Tested         03/20/24           Recorded         03/20/24           Recorded         03/20/24           Sample J Recorded         03/20/24           Tested         03/20/24           Tested         03/20/24           Tester         GWEB Recorded           Recorded         03/20/24           Tester         GWEB Recorded           Sample J Recorded         03/20/24           Tester         GWEB Recorded         03/20/24           Recorded         03/20/24           Recorded         03/20/24           Tester         GWEB Recorded         03/20/24           Recorded         0	Recorded 03	3/20/24		
Sample JD         Tested       03/20/24         Recorded       03/20/24         INSTRUMENTS USD DUNING       INSTRUMENT         Sample JD       MI00,VF4-N12,GC         PREPARATION       Sample JD         Sample JD       MI/DD/YYY         Recorded       03/20/24         Tested       03/20/24         Tested       03/20/24         Recorded       03/20/24         Tested       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Sample ID       X         Sample ID       X         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       03/20/24         Recorded       0				PASS
		LIQUID		
Tested         03/20/24           Tested         6WEB           Recorded         03/20/24           INSTRUMENTS USED DUFINC         INSTRUMENT           Sample ID         Tested           Tested         03/20/24           Tested         03/20/24           Tested         03/20/24           Tested         03/20/24           Tested         03/20/24           Recorded         03/20/24           Tested         03/20/24           Testen         03/20/24           R		APPEARANCE		
Tested         03/20/24           Tested         6WEB           Recorded         03/20/24           INSTRUMENTS USED DUFINC         INSTRUMENT           Sample ID         Tested           Tested         03/20/24           Tested         03/20/24           Tested         03/20/24           Tested         03/20/24           Tested         03/20/24           Recorded         03/20/24           Tested         03/20/24           Testen         03/20/24           R	Sample ID			
Tester         GW/EB           Recorded         03/20/24           INSTRUMENTS USED DURING         INSTRUMENT         M100,VF4-N12,GC           PREPARATION         Tested         03/20/24           Tested         03/20/24         Tested         03/20/24           Tested         03/20/24         Tested         03/20/24           Tested         03/20/24         Tested         03/20/24           Recorded         03/20/24         05/25/2024           Tested         03/20/24         05/25/2024           Recorded         03/20/24         05/25/2024           Tested         03/20/24         05/25/2024           Recorded         03/20/24         2.00           CALCULATED W/V% POTSSIUM         2.00         1.98 - 2.02         2.00           CARBONATE         W/V%         2.00         1.98 - 2.02         2.00           CARBONATE         W/V%         2.00         1.98 - 2.02         2.00           Sample ID         Tested         03/20/24         2.00         2.00           Tested         03/20/24         2.00         2.00         2.00           Sample ID         Estored         03/20/24         2.00         2.00		8/20/24		
Recorded         03/20/24           INSTRUMENTS USED UNING         INSTRUMENT         M100,VF4-N12,GC           PREPARATION         Sample ID         M100,VF4-N12,GC           Sample ID         Tested         03/20/24         Sample ID           Tested         03/20/24         Sample ID         Sample ID           Recorded         03/20/24         05/25/2024           Tested         03/20/24         05/25/2024           Sample ID         MM/DD/YYYY         05/25/2024           Sample ID         MM/DD/YYYY           Sample ID         Sample ID           Tested         03/20/24         2.00           Recorded         03/20/24         2.00           CALCULATED W/V% PUTASUUM         2.00         1.98 - 2.02         2.00           CARBONATE         W/V%         2.00         1.98 - 2.02         2.00           Sample ID         Sample ID         Sample ID         2.00         2.00           Sample ID         W/V%         2.00         1.98 - 2.02         2.00           Sample ID         W/V%         2.00         1.98 - 2.02         2.00           Sample ID         W/V%         W/V%         2.00         2.00           Recorded				
INSTRUMENTS USED JURINGINSTRUMENTM100,VF4-N12,GCPREPARATIONSample IDSample IDGU2/24TesterGU2/24Recorded03/20/24EXPIRATION DATEMM/DD/YYYYSample IDGU2/24TesterGU2/24TesterGU2/24Recorded03/20/24TesterGU2/24TesterGU2/24Recorded03/20/24TesterGU2/24TesterGU2/24Recorded03/20/24TesterGU2/24TesterGU2/24Recorded03/20/24Sample IDL.00TesterGU2/24TesterGU2/24TesterGU2/24TesterGU2/24TesterGU2/24TesterGU2/24TesterGU2/24TesterGU2/24Recorded03/20/24TesterGU2/24TesterGU2/24Recorded03/20/24Recorded03/20/24TesterGU2/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24Recorded03/20/24				
PREPARATION         Sample ID           Sample ID         GWEB           Tester         GWEB           Recorded         03/20/24           Tester         GW/DD/YYYY           Sample ID         MM/DD/YYYY           Sample ID         Sample ID           Tested         03/20/24           Recorded         03/20/24           Tested         03/20/24           Recorded         03/20/24           Tested         03/20/24           Tester         GWEB           Recorded         03/20/24           Tester         GWEB           Recorded         03/20/24           Tester         GWEB           Recorded         03/20/24           Tester         GWEB           Recorded         03/20/24           Tester         Q.00           Sample ID         2.00           Sample ID         W/V%				M100.VF4-N12.GC
Sample ID         Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         EXPIRATION DAT       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Tested       03/20/24         Recorded       03/20/24         Tested       03/20/24         Tested       03/20/24         Recorded       03/20/24         Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         Tester       GWEB         Recorded       03/20/24         Tester       GWEB         Recorded       03/20/24         Tester       GWEB         Recorded       03/20/24         Tester       GW2E         Recorded       03/20/24         Tester       W/V%	PREPARATION			
Tested         03/20/24           Tester         GWEB           Recorded         03/20/24           EXPIRATION DATE         MM/DD/YYYY         05/25/2024           Sample ID         MM/DD/YYYY           Sample ID         MM/DD/YYYY           Tested         03/20/24           Recorded         03/20/24           Tested         03/20/24           Recorded         03/20/24           Sample ID         2.00           CALCULATED W/V% PV SSIUM         2.00           Sample ID         1.98 - 2.02           Tested         03/20/24           Sample ID         400/20/24           Tester         03/20/24           Sample ID         400/20/24           Tester         03/20/24           Sample ID         2.00           Sample ID         2.00           Sample ID         2.00           Sample ID         2.00           E-S-ONE W/V         W/V%           Sample ID         2.00           Tested         03/20/24           Sample ID         2.00           Tested         03/20/24				
Tester       GWEB         Recorded       03/20/24         EXPIRATION DATE       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Tested       03/20/24         Tester       03/20/24         Recorded       03/20/24         Recorded       03/20/24         CALCULATED W/V% PUTUSTION       2.00         Sample ID       8.00         Sample ID       W/V%         Sample ID       W/V%         Sample ID       9.3/20/24         Tester       03/20/24         Sample ID       2.00         Recorded       03/20/24         Sample ID       2.00         Sample ID       0.00         Gample ID       0.00         Sample ID       0.00         Tested       0.01/20/24         Sample ID       0.01/20/24		8/20/24		
Recorded         03/20/24           EXPIRATION DATE         MM/DD/YYYY         05/25/2024           Sample ID         MM/DD/YYYY         05/25/2024           Sample ID         Tested         03/20/24         August 1000000000000000000000000000000000000				
EXPIRATION DATE MM/DD/YYYY MM/DD/YYYY Sample ID Tested 03/20/24 Tester GWEB Recorded 03/20/24 CALCULATED W/V% PUTASUM 2.00 1.98 - 2.02 CARBONATE W/V% Sample ID Tested 03/20/24 Tester GWEB Recorded 03/20/24 3-METHYL-1-PHENYL-2-VF RAZOLIN 2.00 E-5-ONE W/V W/% Sample ID Tested 03/20/24				
MM/DD/YYYY         Sample ID         Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         CALCULATED W/V% POTASSIUM       2.00         CARBONATE       W/V%         Sample ID       W/V%         Tester       03/20/24         Tester       03/20/24         Tester       03/20/24         Tester       03/20/24         Tester       03/20/24         Sample ID       1.98 - 2.02         AMETHYL-1-PHENYL-2-VFRAZOLIN       2.00         Sample ID       1.98 - 2.02         Sample ID       2.00         Sample ID       2.00         Sample ID       2.00         Sample ID       3.00         Tested       03/20/24         Sample ID       3.00         Tested       03/20/24				05/25/2024
Sample ID         Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         CALCULATED W/V% POTASSIUM       2.00         CARBONATE       W/V%         Sample ID       W/V%         Tested       03/20/24         Tested       03/20/24         Tested       03/20/24         Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         Tester       GWEB         Recorded       03/20/24         Sample ID       1.98 - 2.02         Sample ID       2.00         E-5-ONE W/V       W/V%         Sample ID       1.98 - 2.02         Tested       03/20/24				
Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         CALCULATED W/V% PUTASSIUM         2.00       1.98 - 2.02       2.00         CARBONATE       W/V%         Sample ID       W/V%         Tested       03/20/24       A         Tester       GWEB       A         Recorded       03/20/24       A         Sample ID       A       A         Tester       GWEB       A         Recorded       03/20/24       A         SAMETHYL-1-PHENYL-2-VFRAZOLIN       2.00       1.98 - 2.02       2.00         E-5-ONE W/V       W/V%       V/%       A       A         Sample ID       Sample ID       A       A         Tested       03/20/24       A       A         Sample ID       V/V%       V/V%       V       A	Sample ID			
Tester       GWEB Recorded       03/20/24         CALCULATED W/V% POTASSIUM       2.00       1.98 - 2.02       2.00         CARBONATE       W/V%       2.00       1.98 - 2.02       2.00         Sample ID Tested       03/20/24       70       1.98 - 2.02       2.00         Sample ID Recorded       03/20/24       70       1.98 - 2.02       2.00         SAMETHYL-1-PHENYL-2-VFRAZOLIN       2.00       1.98 - 2.02       2.00         Sample ID Fested       03/20/24       1.98 - 2.02       2.00         Sample ID Tested       03/20/24       1.98 - 2.02       2.00		8/20/24		
Recorded       03/20/24         CALCULATED       W/V% POTASSIUM       2.00       1.98 - 2.02       2.00         CARBONATE       W/V%       W/V%       2.00       2.00       0.00         Sample ID       Tested       03/20/24       93/20/24       93/20/24       93/20/24         Seconded       03/20/24       2.00       1.98 - 2.02       2.00         S-ONE W/V       W/V%       000       000       000       000         E-5-ONE W/V       W/V%       000       1.98 - 2.02       2.00         Sample ID       000       000       000       000       000         Sample ID       Tested       000/20/24       000       000       000       000       000       000         Sample ID       Tested       000/20/24       000				
CALCULATED W/V% POTASSIUM       2.00       1.98 - 2.02       2.00         CARBONATE       W/V%       W/V%       Carbonate       2.00         Sample ID       Tested       03/20/24       7       2.00       2.00         Tester       GWEB       603/20/24       2.00       1.98 - 2.02       2.00         S-METHYL-1-PHENYL-2-PYRAZOLIN       2.00       1.98 - 2.02       2.00         E-5-ONE W/V       W/V%       2.00       1.98 - 2.02       2.00         Sample ID       W/V%       1.98 - 2.02       2.00       1.98 - 2.02       2.00         Fasted       03/20/24       03/20/24       03/20/24       2.00       1.98 - 2.02       2.00				
CARBONATE       W/V%         Sample ID       Tested       03/20/24         Tester       GWEB       Fecorded       03/20/24         Recorded       03/20/24       1.98 - 2.02       2.00         S-METHYL-1-PHENYL-2YFRAZOLIN       2.00       1.98 - 2.02       2.00         E-5-ONE W/V       W/V%       W/V%       1.98 - 2.02       2.00         Sample ID       Tested       03/20/24       1.93 - 2.02       1.93			1.98 - 2.02	2.00
Sample ID         Tested       03/20/24         Tester       GWEB         Recorded       03/20/24         3-METHYL-1-PHENYL-2YRAZOLIN       2.00         1.98 - 2.02       2.00         E-5-ONE W/V       W/V%         Sample ID         Tested       03/20/24				
Tested         03/20/24           Tester         GWEB           Recorded         03/20/24           3-METHYL-1-PHENYL-2-PYRAZOLIN         2.00         1.98 - 2.02         2.00           E-5-ONE W/V         W/V%         X         X           Sample ID         Tested         03/20/24         X <thx< th="">         X         X</thx<>				
Tester         GWEB           Recorded         03/20/24           3-METHYL-1-PHENYL-2-PYRAZOLIN         2.00           1.98 - 2.02         2.00           E-5-ONE W/V         W/V%           Sample ID         Tested           Tested         03/20/24		3/20/24		
Recorded         03/20/24           3-METHYL-1-PHENYL-2-PYRAZOLIN         2.00         1.98 - 2.02         2.00           E-5-ONE W/V         W/V%         W/V%         Sample ID         5.00           Tested         03/20/24         03/20/24         03/20/24         03/20/24				
3-METHYL-1-PHENYL-2-PYRAZOLIN       2.00       1.98 - 2.02       2.00         E-5-ONE W/V       W/V%         Sample ID Tested       03/20/24       03/20/24				
E-5-ONE W/V W/V% Sample ID Tested 03/20/24			1.98 - 2.02	2.00
Sample ID Tested 03/20/24				
Tested 03/20/24				
		8/20/24		
Recorded 03/20/24				
Made 03/20/24	Made 03/20/2	4		



Page: 2 Date: 03/20/24 at 11:42 AM

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

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.

1 chard Stop

**Quality Manager**