

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

Packaged Product: EXX288F			
Sprayberry Field Brine Location 514769 (0.2 uM Filtered)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM IRON (FE)	1.26	1.24 - 1.28	1.26
	PPM		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM MANGANESE	1.05	1.03 - 1.07	1.05
	PPM (UG/ML)		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM BARIUM	2.79	2.76 - 2.82	2.79
	MG/L		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Calculated ppm Strontium (Sr)	625	622 - 628	625
	PPM (MG/L)		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM CALCIUM	3250	3230 - 3270	3250
	MG/L		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Calculated ppm Magnesium (Mg)	599	595 - 604	599
	PPM (MG/L)		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM SODIUM (NA)	38891	38000 - 39041	38299
	PPM		
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			

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Calculated ppm (mg/L) Potassium (K)	498 PPM (MG/L)	494 - 503	498
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Calculated ppm (mg/L) Lithium (Li)	25.0 PPM (MG/L)	24.7 - 25.3	25.0
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM SILICON (SI)	14.1 MG/L	13.7 - 14.5	14.1
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Alkalinity as HCO₃ (Bicarbonate)	317.2 MG/L	316.8 - 317.7	317.2
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Calculated Bromide (Br)	514 PPM (MG/L)	511 - 517	514
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM SULFATE	628 PPM	624 - 632	628
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Calculated ppm w/v Chloride	67314 PPM W/V	67114 - 67514	67314
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
CALCULATED PPM SODIUM (NA)	38891 PPM	38691 - 39091	38891
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			

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Calculated Total Dissolved Solids (TDS)	112276 MG/L	112276 - 113276	112277
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
PH OF PRODUCT/SOLUTION	7.000 PH	4.000 - 10.000	7.212
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
Actual Density	1.05000 G/ML	1.00000 - 1.25000	1.07870
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
SPECIFIC GRAVITY	1.020 SPEC GRAV	1.000 - 1.250	1.080
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
FILTERED THROUGH A 0.2 UM FILTER	YES YES		YES
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M108,T-36,M112,M106
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY		03/30/2027
Sample ID			
Tested 03/06/25			
Tester DNEW			
Recorded 03/06/25			



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Date: 03/11/25 at 6:58 AM

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Customer PO # :

CALCULATED PPM BORON

57.7

57.0 - 58.4

57.7

PPM

Sample ID

Tested 03/06/25

Tester DNEW

Recorded 03/06/25

Lot # 5030665

Made 03/06/25

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