



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

<b>Packaged Product:</b> 1363			
BROMIDE-BROMATE 0.5 NORMAL ASTM D1159 N.I.S.T. TRACEABLE			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>Actual Normality</b>	0.5000	0.4995 - 0.5005	0.4997
	EQ/L		
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>ACTUAL MOLARITY</b>	0.2500	0.2495 - 0.2505	0.2499
	MOLARITY (M/L)		
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>Actual Density</b>	1.04544	1.04449 - 1.04639	1.04504
	GM/ML		
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>QCSP11:STANDARDIZATION OF BROMIDE-BROMAT</b>	YES		YES
	QCSP11		
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M112,T32
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			
<b>EXPIRATION DATE</b>	MM/DD/YY		04/30/24
	MM/DD/YYYY		
Sample ID			
Tested 12/01/23			
Tester JENC			
Recorded 12/01/23			



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**SHELF LIFE OF PRODUCT**

**SHELF LIFE  
 TIME**

**4 MONTHS**

Sample ID  
 Tested 12/01/23  
 Tester JENC  
 Recorded 12/01/23

**Lot #** 3112801  
**Made** 12/01/23

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**