

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

<b>Packaged Product:</b> ERL118F SODIUM HYDROXIDE 1.0 NORMAL (8650)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>SAMPLE COLLECTION &amp; HANDLING</b>	YES		YES
<b>PER LAB040</b>	YES		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>DATE OF SAMPLING FOR TEST</b>	MM/DD/YYYY		05/25/23
<b>PURPOSES</b>	MM/DD/YYYY		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>AMBIENT TEMPERATURE DURING</b>	25.0	10.0 - 35.0	21.6
<b>SAMPLING DEGC</b>	DEG C		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		05/25/23
	MM/DD/YYYY		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>AMBIENT TEST TEMPERATURE</b>	20.0	15.0 - 30.0	21.6
<b>DEG C</b>	DEG C		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>Actual Normality</b>	1.0000	0.9995 - 1.0005	1.0005
	EQ/L		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			
<b>QCSP7: STANDARDIZATION OF</b>	YES		YES
<b>AQUEOUS BASES</b>	METHOD		
Sample ID			
Tested 05/25/23			
Tester JENC			
Recorded 05/25/23			



Aqua Solutions, Inc.  
Ph: 281-479-2569  
Fax: 281-479-2790  
P.O. Box 70  
Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

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**N.I.S.T. Traceable to SRM 84 (KHP)**

YES

YES

YES

Sample ID

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**Actual Density**

1.04108

1.04062 - 1.04153

1.04094

GM/ML

Sample ID

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Tester JENC

Recorded 05/25/23

**APPEARANCE AND COLOR**

CLEAR LIQUID

PASS

APPEARANCE

Sample ID

Tested 05/25/23

Tester JENC

Recorded 05/25/23

**INSTRUMENTS USED DURING PREPARATION**

INSTRUMENT

M55,M103,T50,M55

Sample ID

Tested 05/25/23

Tester JENC

Recorded 05/25/23

**Lot #** 3052215

**Made** 05/25/23

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**