



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

<b>Packaged Product:</b> VUL446F Sodium Hydroxide 0.01 Normal *Special*			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>			
YES			
<b>FILE</b>			
YES			
Sample ID			
Tested 10/09/23			
Tester SHAR			
Recorded 10/09/23			
<b>NORMALITY TO 4 DEC PLACES</b>			
0.0100			
EQUIV/LITER			
0.0095 - 0.0105			
0.0100			
Sample ID			
Tested 10/09/23			
Tester SHAR			
Recorded 10/09/23			
<b>APPEARANCE AND COLOR</b>			
CLEAR LIQUID			
APPEARANCE			
PASS			
Sample ID			
Tested 10/09/23			
Tester SHAR			
Recorded 10/09/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>			
INSTRUMENT			
P59,VF4-N21			
Sample ID			
Tested 10/09/23			
Tester SHAR			
Recorded 10/09/23			
<b>Actual Density</b>			
0.99866			
GM/ML			
0.99858 - 0.99875			
0.99865			
Sample ID			
Tested 10/09/23			
Tester SHAR			
Recorded 10/09/23			
<b>EXPIRATION DATE</b>			
MM/DD/YYYY			
MM/DD/YYYY			
04/30/2024			
Sample ID			
Tested 10/09/23			
Tester SHAR			
Recorded 10/09/23			
<b>Lot #</b> 3100928			
<b>Made</b> 10/09/23			



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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**