



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

<b>Packaged Product:</b> 205-12F			
VERSENATE HARDNESS TITRATING SOLUTION 0.01 MOLAR			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID	YES		
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>GPL EDTA Disodium Dihydrate</b>	3.72 GPL		3.72
Sample ID	GPL		
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>ACTUAL MOLARITY</b>	0.0100	0.0095 - 0.0101	0.0105
Sample ID	MOLARITY (M/L)		
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>Prepared and Certified to API 13A</b>	YES		YES
Sample ID	YES		
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>Calibration Correction for EDTA mg/KGA</b>	-12 TO + 12 MG/KG		-3.2
Sample ID	MG/KG		
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M112,BID04099,PIDM91
Sample ID			
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			
<b>EXPIRATION DATE</b>	MM/DD/YYYY		06/30/25
Sample ID	MM/DD/YYYY		
Tested 06/12/23			
Tester MHUS			
Recorded 06/12/23			



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)

Page: 2

Date: 06/12/23 at 2:16 PM

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**Customer PO # :**

<b>Lot #</b>	3060950
<b>Made</b>	06/12/23

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**