

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

Customer PO # :

Packaged Product: ERL1	18F		
-	UM HYDROXIDE 1.0 NORMAL	(8650)	
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON			YES
FILE	YES		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			
SAMPLE COLLECTION & HANDLIN	NG YES		YES
PER LAB040	YES		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			
DATE OF SAMPLING FOR TEST	MM/DD/YYYY		06/06/2024
PURPOSES	MM/DD/YYYY		00,00,2024
Sample ID			
Tested 06/06/24			
Tester AFRE Recorded 06/06/24			
Recorded 06/06/24 AMBIENT TEMPERATURE DURING	3 25.0	10.0 - 35.0	20.0
SAMPLING DEGC	DEG C	10.0 - 33.0	20.0
	DEGC		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		06/06/2024
	MM/DD/YYYY		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			
AMBIENT TEST TEMPERATURE	20.0	15.0 - 30.0	20.0
DEG C	DEG C		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			
Actual Normality	1.0000	0.9995 - 1.0005	0.9999
	EQ/L		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			
QCSP7: STANDARDIZATION OF	YES		YES
AQUEOUS BASES	METHOD		
Sample ID			
Tested 06/06/24			
Tester AFRE			
Recorded 06/06/24			



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Customer PO # :

N.I.S.T. Traceable to SRM 84 (KHP)	YES YES	YES
Sample ID Tested 06/06/24		
Tester AFRE Recorded 06/06/24		
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE	PASS
Sample ID Tested 06/06/24		
Tester AFRE		
Recorded 06/06/24 INSTRUMENTS USED DURING	INSTRUMENT	M91,BID00488,TID41110
PREPARATION		
Sample ID Tested 06/06/24		
Tester AFRE Recorded 06/06/24		
Lot # 4052014		
Made 06/06/24		

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.

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Quality Manager