



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

Packaged Product: A1520-4L			
ACETONITRILE HPLC GRADE (4L) (AX0142-1)			
Test	Target/UOM	Range	Result
ASSAY OF MATERIAL	MIN 99.9%		>99.99%
	%		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
COLOR	MAX 10		<10 APHA
	PT-CO		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
RESIDUE AFTER EVAPORATION	MAX 1 PPM		<0.5 PPM
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
FILTERED THROUGH 0.2 UM FILTER	PASSES TEST		PASSES TEST
	YES		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
FLUORESCENCE (AS QUININE BASE)	MAX 300 PPT		96 PPT
	FLUORESCEN		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
FORM	CLEAR LIQUID		CLEAR LIQUID
	FORM		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
REFRACTIVE INDEX	1.3434	1.3430 - 1.3450	1.3439
	REFRACTIVE INDE		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
TITRATABLE ACID	0.50	0.00 - 8.00	0.20
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		



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Titratable base	0.10	0.00 - 0.10	0.01
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
UV CUTOFF	MAX 189 NM		187.4 NM
	NM		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
WATER CONTENT	MAX 0.02%		0.0008%
	%		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
IDENTITY	CONFORMS		CONFORMS
	PASS		
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
DATE OF MANUFACTURE	DD/MM/YYYY		09/18/2023
Sample ID			
Tested	10/04/23		
Tester	TBUR		
Recorded	10/04/23		
Lot #	327613		
Made	10/03/23		

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