



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	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
COLOR	MAX 10		<10 APHA
	PT-CO		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
RESIDUE AFTER EVAPORATION	MAX 1 PPM		<0.5 PPM
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
FILTERED THROUGH 0.2 UM FILTER	PASSES TEST		PASSES TEST
	YES		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
FLUORESCENCE (AS QUININE BASE)	MAX 300 PPT		206 PPT
	FLUORESCEN		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
FORM	CLEAR LIQUID		CLEAR LIQUID
	FORM		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
REFRACTIVE INDEX	1.3434	1.3430 - 1.3450	1.3438
	REFRACTIVE INDE		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
TITRATABLE ACID	0.50	0.00 - 8.00	0.30
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		



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Titration base	0.10	0.00 - 0.10	0.03
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
UV CUTOFF	MAX 189 NM		187.4 NM
	NM		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
WATER CONTENT	MAX 0.02%		0.0018%
	%		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
IDENTITY	CONFORMS		CONFORMS
	PASS		
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
DATE OF MANUFACTURE	DD/MM/YYYY		02/01/2024
Sample ID			
Tested	02/14/24		
Tester	TBUR		
Recorded	02/14/24		
Lot #	404408		
Made	02/13/24		

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.

Quality Manager