



**HALLIBURTON ENERGY SERV./FANN INST.
 AP DEPT./HALLIBURTON ENGY SERV, P.O. BOX 4960
 Portland, OR, 97208-4960
 2818714000**

Certificate of Analysis / QC Results

Customer PO # : 4517749538

Packaged Product: 210043			
Buffer Solution PH 10.00 Color Coded Blue(8 OZ)MIN 18MO Exp			
Lot # 40820101			
Chemical Product: 1525			
BUFFER REFERENCE pH 10.0/BLUE			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
PH OF PRODUCT/SOLUTION	10.000	9.990 - 10.010	10.009
	PH		
+ PH Measurement Uncertainty	0.014	= 0.014	0.014
	PH		
QCSP 20 PH CALIBRATION METHODS	YES		YES
	METHOD		
Actual Temp	25.0	24.9 - 25.1	25.0
	DEG C		
pH Traceable to N.I.S.T. SRM'S	YES		YES
	YES		
PH NIST TRACEABLE TO SRM 185	YES		YES
	YES		
NIST TRACEABLE TO SRM186I AND 186II	YES		YES
	YES		
PH NIST TRACEABLE TO SRM 187	YES		YES
	YES		
TRACEABLE TO NIST SRM 191I AND SRM 191II	YES		YES
	YES		
APPEARANCE AND COLOR	CLEAR BLUE/ODORLESS		PASS
	APPEARANCE		
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M91,T-IX,M117
EXPIRATION DATE	MM/DD/YY		08/30/26
	MM/DD/YYYY		
SHELF LIFE OF PRODUCT	2 YEARS		2 YEARS
	TIME		
Made 08/21/24			



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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.

This report shall not be reproduced, except in full, without approval of the laboratory.

Aqua Solutions' Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by DNV Certificate Number 51119-2009-AQ-USA-ANAB.

Quality Manager
Aqua Solutions, Inc.