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Date: 03/20/24 at 9:30 AM

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 # : 4517424815

Packaged Product: 209825

VERSENATE HARDNESS BUFFER SOLUTION (80Z) (MIN EXP 18MO)

Lot # 4031223

Chemical Product: 209825F

VERSENATE HARDNESS BUFFER

Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
APPEARANCE AND COLOR	CLEAR LIQUID		PASS
	APPEARANCE		
INSTRUMENTS USED DURING	INSTRUMENT		M100,VF2-B11,GC,VF4-N27
PREPARATION			
Actual Density	0.95712	0.95429 - 0.95995	0.95923
	GM/ML		
EXPIRATION DATE	MM/DD/YYYY		03/30/2026
	MM/DD/YYYY		
Made 03/12/24			

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...

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.