



**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 # : 4516865836

Packaged Product: 209863			
Sulfuric Acid, Standardized 0.02N (N/50) (8OZ)MIN EXP 18M			
Lot # 3020201			
Chemical Product: 209861F			
Sulfuric Acid, Standardized 0.02N (N/50) (BCG/MR)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
SAMPLE COLLECTION & HANDLING PER LAB040	YES		YES
DATE OF SAMPLING FOR TEST PURPOSES	MM/DD/YYYY		02/04/23
AMBIENT TEMPERATURE DURING SAMPLING DEGC	25.0 DEG C	10.0 - 35.0	12.0
DATE OF TESTING OF SAMPLE	MM/DD/YYYY		02/04/23
AMBIENT TEST TEMPERATURE DEGC	20.0 DEG C	15.0 - 30.0	20.0
NORMALITY TO 4 DEC PLACES	0.0200	0.0195 - 0.0205	0.0201
QCSP61A:STANDARDIZATION ACIDS USING SODI APPEARANCE AND COLOR	EQUIV/LITER YES QCSP61A CLEAR LIQUID APPEARANCE		YES PASS
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M55,GC,T6
Actual Density	0.99899 GM/ML	0.99882 - 0.99916	0.99897
EXPIRATION DATE	MM/DD/YYYY		02/28/25
Made 02/04/23			



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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.