



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 # :

Packaged Product:	209916 Titration Solution with SN 0.282N(8OZ) MIN 18M		
Lot #	4011204		
Chemical Product:	8450 SILVER NITRATE 0.282 NORMAL		
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Actual Normality	0.2820 EQ/L	0.2815 - 0.2825	0.2822
QCSP1:STADARDIZATION OF SILVER NITRATE	YES QCSP1		YES
N.I.S.T. Traceable to SRM 919 NaCl	YES YES		YES
APPEARANCE AND COLOR	CLEAR WATER WHITE LIQUID APPEARANCE		PASS
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M113,T26,M55,M91,BID3902,TI D53326
Actual Density	1.03824 GM/ML	1.03788 - 1.03861	1.03811
EXPIRATION DATE	MM/DD/YYYY MM/DD/YYYY		01/30/2026
Made	01/22/24		

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.