



19 Chapin Road - Building C, Pine Brook, NJ 07058  
800.783.9424 | avantik-us.com

March 13, 2024

**CERTIFICATE OF ANALYSIS**

**Product Name:** Deionized Water

**Product No.:** RS4089

**Lot. No.:** 2406804

**Date of Manufacture:** 2024-03-13

**Expiration Date:** 2025-03-12

**QC Testing:**

PROPERTY	SPECIFICATION	RESULTS	PASS / FAIL
Appearance	Colorless liquid	Colorless liquid	PASS
Ammonium	Less than 0.3 ppm	0.000018 ppm	PASS
Bacteriological Purity	Less than 10 CFU/mL	None Detected	PASS
Calcium	Passes test	Passes test	PASS
Chloride	Less than 0.5 ppm	0.0005 ppm	PASS
Conductivity	Passes test	Passes test	PASS
Copper	Less than 1 ppm	0.000001 ppm	PASS
Heavy Metal	Less than 0.01 ppm	0.000001 ppm	PASS
Iron	Less than 1 ppm	Passes test	PASS
pH	5.0 to 7.0	5.470	PASS
Resistivity	Greater than 10 megohm-cm	18 megohm-cm	PASS
Silicates	Less than 3 ppb	0.62 ppb	PASS
Sodium	Less than 0.1 ppm	0.000027 ppm	PASS
Sulfate	Passes test	Passes test	PASS
Total Organic Carbon (TOC)	Less than 50 ppb	0.46 ppb	PASS
Volatile Organic Compounds (VOC)	Passes test	Passes test	PASS

**Country of Origin:** United States of America

**Latex Free:** This product contains no latex