

Certificate of Analysis

Product: Hydrofluoric Acid 0.5% Solution

Item Number: C4359

Grade: Reagent

Lot Number: 230130

Manufacture Date: 01/30/2023

Expiration Date: 01/29/2025

Country of Origin: United States

Tested Property	Specification	Analysis
Assay (HF)	0.48-0.52%	0.50%
Residue after Ignition	≤5 ppm	<5ppm
Chloride (Cl)	≤5 ppm	<5 ppm
Arsenic (As)	≤0.2 ppm	0.019 ppm
Copper	≤0.1 ppm	0.1 ppm
Heavy Metals (asPb)	≤0.5 ppm	0.02ppm
Iron (Fe)	≤0.1 ppm	0.34 ppm
Sulfate & Sulfite	≤5 ppm	0.12 ppm
Fluorosilicic acid	≤0.01%	<0.00044%
Phosphate	≤1 ppm	<1 ppm

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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