



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

[Hydrofluoric Acid 0.5% Solution](#)

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