



### Certificate of Analysis

**Product: Hydrofluoric Acid 48% Solution (48-51%)**

**Item Number: C4358**

**Grade: ACS**

**Lot Number: 231011-A**

**Manufacture Date: 08/05/2023**

**Expiration Date: 08/04/2025**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay (HF)	48-51%	49.0%
Color	10	10
Residue after Ignition	5 ppm	<5ppm
Chloride (Cl)	≤5 ppm	< 5 ppm
Arsenic (As)	≤0.05 ppm	0.03 ppm
Copper	≤0.1 ppm	0.05ppm
Heavy Metals (asPb)	≤0.1 ppm	0.1ppm
Iron (Fe)	≤0.5 ppm	<0.5 ppm
Sulfate & Sulfite	≤5 ppm	<5 ppm
Fluorosilicic acid	≤0.01%	<0.01%

#### [Hydrofluoric Acid 48% Solution \(48-51%\)](#)

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