

Certificate of Analysis

Product: Hydrofluoric Acid 48% Solution (48-51%), ACS Reagent Grade

Item Number: C4358

CAS#: 7664-39-3

Grade: ACS

Lot Number: 260824-A

Manufacture Date: 11/30/2025

Expiration Date: 11/29/2027

Country of Origin: United States

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

Store in a cool, dry, and well-ventilated environment.

[Hydrofluoric Acid 48% Solution \(48-51%\), ACS Reagent Grade](#)

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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Phone: 512-668-9918, Fax: 512-886-4008,

E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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