

Certificate of Analysis

Product: Hydrofluoric Acid 48% Solution (48-51%), ACS Reagent Grade
Item Number: C4358
CAS#: 7664-39-3
Grade: ACS
Lot Number: 260428-A
Manufacture Date: 08/30/2025
Expiration Date: 08/29/2028
Country of Origin: United States

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

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.

© copyright: 2026 Lab Alley