LAB ALLEY
ESSENTIAL CHEMICALS

## Certificate of Analysis

**Product: Hydrofluoric Acid 0.5% Solution**
**Item Number: C4359**
**CAS#: 7664-39-3**
**Grade: Reagent**
**Lot Number: 261026-AP**
**Manufacture Date: 10/26/2026**
**Expiration Date: 10/25/2028**
**Country of Origin: United States**

| Tested Property | Specification | Analysis |
|---|---|---|
| Assay (HF) | 0.48 - 0.52% | 0.50% |
| Residue after Ignition | ≤5 ppm | <5 ppm |
| Chloride (Cl) | ≤5 ppm | <5 ppm |
| Arsenic (As) | ≤0.2 ppm | 0.019 ppm |
| Copper | ≤0.1 ppm | <0.1 ppm |
| Heavy Metals (as Pb) | ≤0.5 ppm | 0.02 ppm |
| 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 |

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

Hydrofluoric Acid 0.5% Solution

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.

This is an electronically generated document and is valid without a signature.

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