

# Product Specification

## Hydrofluoric Acid, 48%, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: RABH0200

Date Packaged: N/A

Expiration Date: N/A

**Contains**

HF CAS No. 7664-39-3 MW 20.01

Test	Specification	Result
Arsenic (As)	max 0.05 ppm	N/A
Assay	48.0-51.0 % HF	N/A
Chloride (Cl)	max 5 ppm	N/A
Copper (Cu)	max 0.1 ppm	N/A
Fluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> )	max 0.01 %	N/A
Heavy Metals (as Pb)	max 0.5 ppm	N/A
Iron (Fe)	max 1 ppm	N/A
Phosphate (PO <sub>4</sub> )	max 1 ppm	N/A
Residue after Ignition	max 5 ppm	N/A
Sulfate and Sulfite (as SO <sub>4</sub> )	max 5 ppm	N/A

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RABH0200-473A	473 mL natural poly	24 months
RABH0200-500A	500 mL natural poly	24 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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