

70% Aqueous Hydrofluoric Acid

CAS: 7664-39-3 (70% Hydrogen Fluoride by weight)
7732-18-5 (30% Water by weight)

UN1790

PRODUCT SPECIFICATION

Parameter	Limit	Test Method
Assay as Hydrogen Fluoride (weight %)	70-72	H5-1: Titration to Phenolphthalein Endpoint
Nonvolatile Acidity (NVA) as H ₂ SO ₄ (ppm)	200	H5-7: Titrate residue to Phenolphthalein Endpoint
Sulfur Dioxide (ppm)	100	H5-11: Iodimetry
Arsenic (ppm)	18	H5-14: Colorimetry-Supplemented for AsF ₆

Notes:

1. 70% Aqueous Hydrofluoric Acid may contain minor amounts of impurities other than those specified. Customers should discuss particular concerns with their Industry Manager.
2. Analytical methods are conducted using latest revision.

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