

49% Aqueous Hydrofluoric Acid

CAS: 7664-39-3 (49% Hydrogen Fluoride by weight)
7732-18-5 (51% Water by weight)

UN1790

PRODUCT SPECIFICATION

Parameter	Limit	Test Method
Assay as Hydrogen Fluoride (weight %)	46-49	H5-1: Titration to Phenolphthalein Endpoint
Nonvolatile Acidity (NVA) as H ₂ SO ₄ (ppm)	500	H5-7: Titrate residue to Phenolphthalein Endpoint
Sulfur Dioxide (ppm)	100	H5-11: Iodimetry
Arsenic (ppm)	18	QSOP-LAB-036: Determination of Metals in Hydrofluoric Acid Using Inductively Coupled Plasma (ICP-AES)

Notes:

- 49% Aqueous Hydrofluoric Acid may contain minor amounts of impurities other than those specified. Customers should discuss particular concerns with their Industry Manager.
- Analytical methods are conducted using latest revision.

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