



## Specification for Hydrofluoric Acid, 48 Percent, Suitable for Electronic Use, Reagent, ACS (H1045)

Item Number	H1045
Item	Hydrofluoric Acid, 48 Percent, Suitable for Electronic Use, Reagent, ACS
CAS Number	7664-39-3
Molecular Formula	HF
Molecular Weight	20.01
MDL Number	
Synonyms	Fluohydric Acid

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (HF)	48.0	51.0 %
FLUOSILICIC ACID (H SiF )		0.01 %
RESIDUE AFTER IGNITION		5 ppm
CHLORIDE (Cl)		5 ppm
PHOSPHATE (PO <sub>4</sub> )		1 ppm
SULFATE AND SULFITE (as SO <sub>4</sub> )		5 ppm
ARSENIC (As)		0.05 ppm
COPPER (Cu)		0.1 ppm
HEAVY METALS (as Pb)		0.5 ppm
IRON (Fe)		1 ppm
EXPIRATION DATE		
DATE OF MANUFACTURE		

### *Spectrum Chemical Mfg Corp*

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