

# Certificate of Analysis



Catalog Number: 9.14068.178  
Batch Number: 20090316  
Product Name: Hydrofluoric acid  
Product Grade: Analytic Reagent(AR)  
Molecular Formula: HF  
Molecular Mass: 20.01  
Test Date: 2009-03-16

Test Items	Specifications	Test Values
Assay(HF)	min40.0%	40.4%
Residue after ignition(as sulfate)	max0.002%	0.001%
Chloride(Cl)	max10ppm	5ppm
Sulfate and sulfite(as SO <sub>4</sub> )	max0.002%	0.0008%
Phosphate(PO <sub>4</sub> )	max2ppm	1ppm
Fluorosilicate(as SiF <sub>6</sub> )	max0.04%	0.02%
Iron(Fe)	max1ppm	0.5ppm
Heavy metals(as Pb)	max5ppm	3ppm

Laboratory QC Manager

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