


# Certificate of Analysis

	Product Code:	CP-D1510P
PRODUCT NAME:	Hydrofluoric Acid, 49% ACS	Lot #: 770821
		F.W.: 20.0100
CHEMICAL FORMULA:	HF	CAS No: 7664-39-3
		Density: 1.1700

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Manufacturer's Lot Number		770821
Assay (HF)	48.0 - 51.0%	49.0%
Chloride (Cl)	5 ppm max.	<1 ppm
Residue after Ignition	5 ppm	<0.5 ppm
Fluosilicic Acid	0.01% max.	<0.01%
Appearance	Colorless free from suspended matter or sediment	PASS
Phosphate (PO4)	1 ppm max.	<0.5 ppm
Sulfate and sulfite (as SO4)	5 ppm max.	<1.0 ppm
Arsenic (As)	0.05 ppm max.	<0.001 ppm
Copper (Cu)	0.1 ppm max.	<0.05 ppm
Heavy Metals (as Pb)	0.5 ppm max.	0.05 ppm
Iron (Fe)	1 ppm max.	<0.1 ppm
Date of Manufacture: 8/2017		
Date of Retest: 8/2019		
It is certified that the above is a true copy of the actual lot analysis. CERTIFIED CORRECT BY:		
		
Shawn Chadwick Technical Manager		
CHEMICAL PROCESSORS AND PACKAGERS OF ELECTRONIC GRADE HIGH PURITY ACIDS / BLENDS / REAGENTS / SOLUTIONS		
CHEMPURE BRAND CHEMICALS 39193 Warren Road, Westland, MI 48185 PH: (734) 729-1805 FAX: (734) 405-6223 info@chempurebrand.com		

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