

## HYDROFLUORIC ACID 1%

• **SAMPLE :**

Plaine Saint-Denis, 31 March 2022

**Product code :** 0548

**Grade :** VLSI

**Manufacturing Date :**

• **RESULTS :**

**Analytical Process :** 0548VLSI0002.50L000000G

**N° LIMS :** 119861

Parameters	Methods	Results	Specifications	Conclusion
Assay	<i>po n°37-0548</i>	1.02 %	0.9<= x <=1.1 %	Conform
Fluosilic acid	<i>Supplier COA</i>	< 50 ppm	<50 ppm	Conform
Chloride (Cl)	<i>Supplier COA</i>	< 1 ppm	<1 ppm	Conform
Phosphate (PO4)	<i>Supplier COA</i>	< 0.5 ppm	<0.5 ppm	Conform
Sulphate (SO4)	<i>Supplier COA</i>	< 2 ppm	<2 ppm	Conform
APHA colour	<i>APHA n°46</i>	< 10 .	<10 .	Conform
Density @ 20°C	<i>d n°51-1</i>	1 .	1 .	Conform
Aluminium (Al)	<i>ICP n°4-2</i>	2.436 ppb	<20 ppb	Conform
Antimony (Sb)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Silver (Ag)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Arsenic (As)	<i>ICP n°4-2</i>	1.728 ppb	<10 ppb	Conform
Barium (Ba)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Beryllium (Be)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Bismuth (Bi)	<i>ICP n°4-2</i>	5.359 ppb	<10 ppb	Conform
Boron (B)	<i>ICP n°4-2</i>	< 1 ppb	<20 ppb	Conform
Cadmium (Cd)	<i>ICP n°4-2</i>	2.087 ppb	<10 ppb	Conform
Calcium (Ca)	<i>ICP n°4-2</i>	4.390 ppb	<50 ppb	Conform
Chromium (Cr)	<i>ICP n°4-2</i>	2.255 ppb	<10 ppb	Conform
Cobalt (Co)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Copper (Cu)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Tin (Sn)	<i>ICP n°4-2</i>	3.800 ppb	<10 ppb	Conform
Iron (Fe)	<i>ICP n°4-2</i>	5.780 ppb	<50 ppb	Conform
Gallium (Ga)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Lithium (Li)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Magnesium (Mg)	<i>ICP n°4-2</i>	1.143 ppb	<50 ppb	Conform
Manganese (Mn)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Molybdenum (Mo)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Nickel (Ni)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Gold (Au)	<i>ICP n°4-2</i>	< 1 ppb	<20 ppb	Conform
Lead (Pb)	<i>ICP n°4-2</i>	< 1 ppb	<10 ppb	Conform
Potassium (K)	<i>ICP n°4-2</i>	< 1 ppb	<50 ppb	Conform
Sodium (Na)	<i>ICP n°4-2</i>	1.007 ppb	<50 ppb	Conform
Strontium (Sr)	<i>ICP n°4-2</i>	< 1 ppb	<20 ppb	Conform

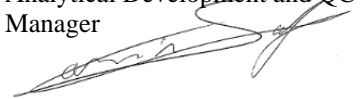
# CERTIFICATE OF ANALYSIS

Titanium (Ti)	ICP n°4-2	3.772 ppb	<20 ppb	Conform
Vanadium (V)	ICP n°4-2	< 1 ppb	<10 ppb	Conform
Zinc (Zn)	ICP n°4-2	< 1 ppb	<50 ppb	Conform
Particles > 0.5 µm	Particles	12 part / mL	<250 part / mL	Conform

• **CONCLUSION :**

Conform

Samir SAFI  
Analytical Development and QC  
Manager



*Those analytical results are according to the batch number.  
Duplicate is not authorizing without the laboratory approval.*