

## HYDROCHLORIC ACID 37%

• **SAMPLE :**

Plaine Saint-Denis, 30 June 2022

**Product code :** 2695

**Grade :** ULSI

**Manufacturing Date :**

• **RESULTS :**

**Analytical Process :** 2695ULSI0002.50L000000G

**N° LIMS :** 121174

Parameters	Methods	Results	Specifications	Conclusion
Aluminium (Al)	Supplier COA	< 10 ppb	<10 ppb	Conform
Ammonium (NH4) (2cs)	Supplier COA	< 0.5 ppm	<1 ppm	Conform
Antimony (Sb)	Supplier COA	< 10 ppb	<10 ppb	Conform
Silver (Ag)	Supplier COA	< 10 ppb	<10 ppb	Conform
Arsenic (As)	Supplier COA	< 10 ppb	<10 ppb	Conform
Barium (Ba)	Supplier COA	< 10 ppb	<10 ppb	Conform
Beryllium (Be)	Supplier COA	< 10 ppb	<10 ppb	Conform
Bismuth (Bi)	Supplier COA	< 10 ppb	<10 ppb	Conform
Boron (B)	Supplier COA	< 10 ppb	<10 ppb	Conform
Bromide (Br)	Supplier COA	< 5 ppm	<50 ppm	Conform
Cadmium (Cd)	Supplier COA	< 10 ppb	<10 ppb	Conform
Calcium (Ca)	Supplier COA	< 10 ppb	<10 ppb	Conform
Chromium (Cr)	Supplier COA	< 10 ppb	<10 ppb	Conform
Cobalt (Co)	Supplier COA	< 10 ppb	<10 ppb	Conform
APHA colour	Supplier COA	< 10 .	<10 .	Conform
Copper (Cu)	Supplier COA	< 10 ppb	<10 ppb	Conform
Tin (Sn)	Supplier COA	< 10 ppb	<10 ppb	Conform
Iron (Fe)	Supplier COA	< 10 ppb	<10 ppb	Conform
Free Halogens Cl2	Supplier COA	0 .	0 .	Conform
Gallium (Ga)	Supplier COA	< 10 ppb	<10 ppb	Conform
Germanium (Ge)	Supplier COA	< 10 ppb	<10 ppb	Conform
Indium (In)	Supplier COA	< 10 ppb	<10 ppb	Conform
Lithium (Li)	Supplier COA	< 10 ppb	<10 ppb	Conform
Magnesium (Mg)	Supplier COA	< 10 ppb	<10 ppb	Conform
Manganese (Mn)	Supplier COA	< 10 ppb	<10 ppb	Conform
Mercury (Hg)	Supplier COA	< 5 ppb	<5 ppb	Conform
Molybdenum (Mo)	Supplier COA	< 10 ppb	<10 ppb	Conform
Nickel (Ni)	Supplier COA	< 10 ppb	<10 ppb	Conform
Gold (Au)	Supplier COA	< 10 ppb	<10 ppb	Conform
Phosphate (PO4)	Supplier COA	< 0.02 ppm	<0.05 ppm	Conform
Platinum (Pt)	Supplier COA	< 10 ppb	<10 ppb	Conform
Lead (Pb)	Supplier COA	< 10 ppb	<10 ppb	Conform
Potassium (K)	Supplier COA	< 10 ppb	<10 ppb	Conform

# CERTIFICATE OF ANALYSIS

Residue after calcination	Supplier COA	1 ppm	<5 ppm	Conform
Sodium (Na)	Supplier COA	< 10 ppb	<10 ppb	Conform
Strontium (Sr)	Supplier COA	< 10 ppb	<10 ppb	Conform
Sulphate (SO <sub>4</sub> )	Supplier COA	< 0.1 ppm	<0.5 ppm	Conform
Sulphite (SO <sub>3</sub> )	Supplier COA	< 0.5 ppm	<0.8 ppm	Conform
Tantalum (Ta)	Supplier COA	< 10 ppb	<10 ppb	Conform
Assay	Supplier COA	37.71 %	> 36.5 %	Conform
Thallium (Tl)	Supplier COA	< 10 ppb	<10 ppb	Conform
Titanium (Ti)	Supplier COA	< 10 ppb	<10 ppb	Conform
Vanadium (V)	Supplier COA	< 10 ppb	<10 ppb	Conform
Zinc (Zn)	Supplier COA	< 10 ppb	<10 ppb	Conform
Zirconium (Zr)	Supplier COA	< 10 ppb	<10 ppb	Conform
Density @ 20°C	<i>d n°51-1</i>	1.19 .	1.19 .	Conform
Particles > 0.5 µm	<i>Particles</i>	< 50 part / mL	<50 part / mL	Conform

• **CONCLUSION :**

Conform

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