

CERTIFICATE OF ANALYSIS EXAMPLE

CYCLOPENTANONE

• **SAMPLE :**

Plaine Saint-Denis, 3 June 2022

Product code : 2897

Grade : ULSI

Manufacturing Date :

• **RESULTS :**

Analytical Process : 2897ULSI0002.50L000000G

N° LIMS : 120738

Parameters	Methods	Results	Specifications	Conclusion
Acidity	<i>po n°37-2896</i>	< 200 ppm	<200 ppm	Conform
Assay	<i>GC n°1-1980 GC n°1</i>	> 99.9 %	> 99.5 %	Conform
Chloride (Cl)	<i>IC n°2-2896</i>	< 300 ppb	<300 ppb	Conform
Water	<i>KF n°47</i>	< 1000 ppm	<1000 ppm	Conform
APHA colour	<i>APHA n°46</i>	< 10 .	<10 .	Conform
Density @ 20°C	<i>d n°51-1</i>	0.945 .	0.945 .	Conform
Aluminium (Al)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Antimony (Sb)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Silver (Ag)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Arsenic (As)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Barium (Ba)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Beryllium (Be)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Bismuth (Bi)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Boron (B)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Cadmium (Cd)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Calcium (Ca)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Chromium (Cr)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Cobalt (Co)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Copper (Cu)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Tin (Sn)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Iron (Fe)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Gallium (Ga)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Germanium (Ge)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Lithium (Li)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Magnesium (Mg)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Manganese (Mn)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Molybdenum (Mo)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Nickel (Ni)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Niobium (Nb)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform
Gold (Au)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Lead (Pb)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Potassium (K)	<i>ICP N°4-1</i>	< 5 ppb	<10 ppb	Conform

CERTIFICATE OF ANALYSIS

Sodium (Na)	ICP N°4-1	< 5 ppb	<10 ppb	Conform
Strontium (Sr)	ICP n°4-2	< 5 ppb	<10 ppb	Conform
Tantalum (Ta)	ICP N°4-1	< 5 ppb	<10 ppb	Conform
Thallium (Tl)	ICP N°4-1	< 5 ppb	<10 ppb	Conform
Titanium (Ti)	ICP n°4-2	< 5 ppb	<10 ppb	Conform
Vanadium (V)	ICP n°4-2	< 5 ppb	<10 ppb	Conform
Zinc (Zn)	ICP N°4-1	< 5 ppb	<10 ppb	Conform
Zirconium (Zr)	ICP n°4-2	< 5 ppb	<10 ppb	Conform
Particles > 0.5 µm	Particles	17 part / mL	<100 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.*