

# CERTIFICATE OF ANALYSIS

## EXAMPLE

### METHYL ETHYL KETONE

• **SAMPLE :**

Plaine Saint-Denis, 14 April 2021

**Product code :** 0513

**Grade :** VLSI

**Manufacturing Date :**

• **RESULTS :**

**Analytical Process :** 0513VLSI0002.50L000000G

**N° LIMS :** 114027

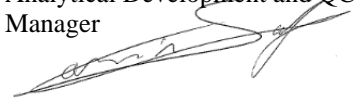
Parameters	Methods	Results	Specifications	Conclusion
Alcohol (2-butanol)	<i>GC n°1 GC n°1-1980</i>	< 1000 ppm	<1000 ppm	Conform
Assay	<i>GC n°1 GC n°1-1980</i>	> 99.9 %	> 99.5 %	Conform
Chloride (Cl)	<i>IC n°2-1</i>	< 1 ppm	<1 ppm	Conform
Sulphate (SO4)	<i>IC n°2-1</i>	< 0.5 ppm	<0.5 ppm	Conform
Water	<i>KF n°47</i>	< 500 ppm	<1000 ppm	Conform
Acidity (in acetic acid)	<i>bu n°24-0375</i>	< 30 ppm	<50 ppm	Conform
APHA colour	<i>APHA n°46</i>	< 10 .	<10 .	Conform
Density	<i>d n°51-1</i>	0.806 .	0.805<= x <=0.807 .	Conform
Evaporation residues	<i>ev n°43</i>	< 5 ppm	<5 ppm	Conform
Aluminium (Al)	<i>ICP N°4-1</i>	< 10 ppb	<50 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°4-1</i>	< 10 ppb	<20 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°4-1</i>	< 10 ppb	<20 ppb	Conform
Cadmium (Cd)	<i>ICP n°4-2</i>	< 5 ppb	<10 ppb	Conform
Calcium (Ca)	<i>ICP N°4-1</i>	< 20 ppb	<50 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°4-1</i>	< 10 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>	< 20 ppb	<50 ppb	Conform
Gallium (Ga)	<i>ICP n°4-2</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>	< 20 ppb	<20 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
Gold (Au)	<i>ICP N°4-1</i>	< 10 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>	< 10 ppb	<20 ppb	Conform

Sodium (Na)	ICP n°4-2	< 30 ppb	<50 ppb	Conform
Strontium (Sr)	ICP N°4-1	< 10 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	< 10 ppb	<20 ppb	Conform
Zirconium (Zr)	ICP N°4-1	< 10 ppb	<10 ppb	Conform
Particles > 0.5 µm	Particles	48 part / mL	<250 part / mL	Conform

• **CONCLUSION :**

Conform

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Manager



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