

# CERTIFICATE OF ANALYSIS

## EXAMPLE

**BOE 7-1 (AF 87.5-12.5)**

**• SAMPLE :**

**Product code : 0589**

**Grade : VLSI**

**• RESULTS :**

**Analytical Process : 0589VLSI0002.50L000000G**

**N° LIMS : 128656**

Parameters	Methods	Results	Specifications	Conclusion
Hydrofluoric Acid Assay	<i>po n°37-0589</i>	6.28 %	6<= x <=7 %	Conform
NH4F Assay	<i>po n°37-0589</i>	34.81 %	33.8<= x <=35.8 %	Conform
Fluosilic acid	<i>Supplier COA</i>	< 50 ppm	<50 ppm	Conform
Chloride (Cl)	<i>Supplier COA</i>	< 2 ppm	<2 ppm	Conform
Nitrate (NO3)	<i>Supplier COA</i>	< 5 ppm	<5 ppm	Conform
Phosphate (PO4)	<i>Supplier COA</i>	< 0.2 ppm	<0.2 ppm	Conform
Sulphate (SO4)	<i>Supplier COA</i>	< 2 ppm	<2 ppm	Conform
Aluminium (Al)	<i>ICP n°4-2</i>	5.7 ppb	<20 ppb	Conform
Antimony (Sb)	<i>ICP n°4-2</i>	6.0 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>	3.8 ppb	<10 ppb	Conform
Barium (Ba)	<i>ICP n°4-2</i>	1.6 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>	1.5 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>	< 1 ppb	<10 ppb	Conform
Calcium (Ca)	<i>ICP n°4-2</i>	7.4 ppb	<50 ppb	Conform
Chromium (Cr)	<i>ICP n°4-2</i>	< 1 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>	1.1 ppb	<10 ppb	Conform
Iron (Fe)	<i>ICP n°4-2</i>	8.2 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 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>	3.2 ppb	<50 ppb	Conform
Sodium (Na)	<i>ICP n°4-2</i>	2.4 ppb	<50 ppb	Conform
Strontium (Sr)	<i>ICP n°4-2</i>	< 1 ppb	<20 ppb	Conform

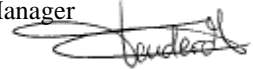
Titanium (Ti)	ICP n°4-2	< 1 ppb	<20 ppb	Conform
Vanadium (V)	ICP n°4-2	< 1 ppb	<10 ppb	Conform
Zinc (Zn)	ICP n°4-2	2.2 ppb	<50 ppb	Conform

• **CONCLUSION :**

Conform

Inès TENDERO

Analytical Development and QC  
Manager



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