

REFERENCES

Order:**Offer:** DR07-3190**Received Rouen:** 31/08/07 **Sampled** 11/09/07 16:21**Client ID:** CRISTAL QUARTZ**Description:****Nature :** Produit divers**Comments :**

Rouen 11 / 09 / 2007

REPORT**RN07-12256.001**

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Photo de l'échantillon :

(1) Assays subcontracted in a SGS laboratory

(2) Assays subcontracted in a partner laboratory

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Sample information

Note:

The size of the quartz crystals lies between 1 and 5 cm length and 0.5 and 2 cm broad.

Analytical procedure:

Samples are washed twice with high analytical purity water.

1,0 gram of finely ground sample was twice digested in 20 ml of HF and 5 ml of HNO₃ on a hot plate during 8 hours. After cooling, the solution was transfer to volumic flask. The analysis was done on an Inducted Coupled Plasma with Atomic Emission Spectrum (ICP-AES).

Parameters	Units	Results	LQ
Calcination residue at 925°C (Méthode interne)	%(w/w)	<0,1	LQ 0,1
SiO₂ calculated (ICP)	%(w/w)	99,84	0,1
Aluminium Oxyde Al₂O₃ (ICP)	%(w/w)	0,008	0,001
Calcium oxyde CaO (ICP)	%(w/w)	0,017	0,001
Iron oxyde Fe₂O₃ (ICP)	%(w/w)	0,026	0,001
Potassium Oxyde K₂O (ICP)	%(w/w)	<0,001	0,001
Magnesium Oxyde MgO (ICP)	%(w/w)	<0,001	0,001
Sodium Oxyde Na₂O (ICP)	%(w/w)	0,011	0,001
Titanium Oxyde TiO₂ (ICP)	%(w/w)	<0,001	0,001

Results validated electronically by

Francois DAVID
Responsable
Projet

This validation is an electronically signature realized in conformity with requirements of ISO 17025