

Preset Sample Data

Sample Name: **cat4135i**
 Description: Hayden
 Method: Tq-0261a
 Job Number: Thilo Ac Vis
 Sample State: Pressed tablet, 32 mm
 Sample Type: Pressed Tablet
 Sample Status: A A A X X X

Dilution Material: B-HWC
 Sample Mass (g): 4.0000
 Dilution Mass (g): 0.0000
 Dilution Factor: 1.0000
 Sample rotation: No
 Date of Receipt: 23/06/2006
 Date of Evaluation: 23/06/2006

Results

The error is the statistical error with 1 sigma confidence interval

Screening analysis

11	Na2O	5400	± 1400	µg/g
12	MgO	4030	± 310	µg/g
13	Al2O3	40220	± 470	µg/g
14	SiO2	174100	± 600	µg/g
15	P2O5	972	± 23	µg/g
16	SO3	1374	± 22	µg/g
17	Cl	124.9	± 1.6	µg/g
19	K2O	4796	± 99	µg/g
20	CaO	5349	± 72	µg/g
22	TiO2	513	± 16	µg/g
23	V2O5	19.2	± 7.5	µg/g
24	Cr2O3	10.5	± 4.1	µg/g
25	MnO	280.8	± 8.7	µg/g
26	Fe2O3	7545	± 41	µg/g
27	CoO		< 8.2	µg/g
28	NiO	18.4	± 1.4	µg/g
29	CuO	817.6	± 7.2	µg/g
30	ZnO	128.4	± 2.4	µg/g
31	Ga	6.0	± 0.7	µg/g
32	Ge	0.7	± 0.2	µg/g
33	As2O3	5.9	± 3.2	µg/g
34	Se	1.3	± 0.3	µg/g
35	Br	0.9	± 0.2	µg/g
37	Rb2O	18.0	± 0.4	µg/g
38	SrO	55.5	± 0.6	µg/g
39	Y	14.5	± 0.5	µg/g
40	ZrO2	35.4	± 7.0	µg/g
41	Nb2O5		< 5.9	µg/g
42	Mo		< 3.5	µg/g
47	Ag		< 1.8	µg/g
48	Cd	2.4	± 0.8	µg/g
50	SnO2	405.3	± 4.2	µg/g
51	Sb		< 1.6	µg/g
52	Te		< 2.7	µg/g
53	I		< 7.6	µg/g
55	Cs		< 7.4	µg/g
56	Ba	96.4	± 5.8	µg/g
57	La	15.6	± 3.5	µg/g

Screening analysis

58	Ce	23.9	± 4.5	µg/g
80	Hg		< 1.0	µg/g
81	Tl		< 1.4	µg/g
82	PbO	565.8	± 4.1	µg/g
83	Bi		< 1.5	µg/g
90	Th		< 1.1	µg/g
92	U		< 9.5	µg/g

Sum of concentration 12.57 %

Main Compounds

13	Al2O3	4.022	± 0.047	%
14	SiO2	17.41	± 0.06	%
Sum		21.43		%