

Preset Sample Data

Sample Name: **cat4135in-2**
 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	12100	±	1300	µg/g
12	MgO	11240	±	330	µg/g
13	Al2O3	115500	±	500	µg/g
14	SiO2	621600	±	900	µg/g
15	P2O5	6026	±	53	µg/g
16	SO3	2380	±	22	µg/g
17	Cl	1844	±	10	µg/g
19	K2O	22030	±	140	µg/g
20	CaO	23840	±	130	µg/g
22	TiO2	2879	±	30	µg/g
23	V2O5	143	±	13	µg/g
24	Cr2O3	29.2	±	4.6	µg/g
25	MnO	731	±	12	µg/g
26	Fe2O3	20980	±	60	µg/g
27	CoO	38.8	±	6.4	µg/g
28	NiO	24.1	±	1.6	µg/g
29	CuO	3107	±	12	µg/g
30	ZnO	399.6	±	3.5	µg/g
31	Ga		<	2.0	µg/g
32	Ge		<	0.7	µg/g
33	As2O3	26.0	±	4.2	µg/g
34	Se	4.5	±	0.4	µg/g
35	Br	1.3	±	0.2	µg/g
37	Rb2O	50.8	±	0.5	µg/g
38	SrO	140.6	±	0.7	µg/g
39	Y	23.5	±	0.6	µg/g
40	ZrO2	86.2	±	4.9	µg/g
41	Nb2O5	4.5	±	1.6	µg/g
42	Mo		<	3.0	µg/g
47	Ag	5.2	±	0.6	µg/g
48	Cd		<	2.1	µg/g
50	SnO2	1759	±	5	µg/g
51	Sb		<	1.3	µg/g
52	Te		<	2.1	µg/g
53	I		<	9.0	µg/g
55	Cs		<	6.2	µg/g
56	Ba	515.4	±	5.7	µg/g
57	La	32.9	±	3.2	µg/g

Screening analysis

58	Ce	65.6	±	4.6	µg/g
80	Hg	3.3	±	0.5	µg/g
81	Tl		<	2.0	µg/g
82	PbO	1076	±	4	µg/g
83	Bi		<	2.2	µg/g
90	Th	3.2	±	0.1	µg/g
92	U		<	6.7	µg/g

Sum of concentration 43.15 %

Main Compounds

11	Na2O	1.21	±	0.13	%
12	MgO	1.124	±	0.033	%
13	Al2O3	11.55	±	0.05	%
14	SiO2	62.16	±	0.09	%
19	K2O	2.203	±	0.014	%
20	CaO	2.384	±	0.013	%
26	Fe2O3	2.098	±	0.006	%
Sum		82.73		%	