

## Preset Sample Data

Sample Name: **cat1679o**  
 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	20800	± 2000	µg/g
12	MgO	13470	± 470	µg/g
13	Al2O3	137500	± 700	µg/g
14	SiO2	> 1129000	± 2000	µg/g
15	P2O5	21780	± 130	µg/g
16	SO3	2413	± 33	µg/g
17	Cl	8277	± 28	µg/g
19	K2O	25100	± 190	µg/g
20	CaO	21080	± 150	µg/g
22	TiO2	5113	± 51	µg/g
23	V2O5	122	± 20	µg/g
24	Cr2O3	40.9	± 5.7	µg/g
25	MnO	1264	± 17	µg/g
26	Fe2O3	26620	± 70	µg/g
27	CoO	32.1	± 7.2	µg/g
28	NiO	15.3	± 1.7	µg/g
29	CuO	350.8	± 4.3	µg/g
30	ZnO	74.7	± 1.7	µg/g
31	Ga	8.9	± 0.7	µg/g
32	Ge		< 0.6	µg/g
33	As2O3	3.3	± 0.7	µg/g
34	Se	0.9	± 0.2	µg/g
35	Br	17.1	± 0.4	µg/g
37	Rb2O	85.8	± 0.7	µg/g
38	SrO	58.3	± 0.5	µg/g
39	Y	24.1	± 0.5	µg/g
40	ZrO2	184.7	± 7.2	µg/g
41	Nb2O5		< 5.1	µg/g
42	Mo		< 3.1	µg/g
47	Ag		< 1.2	µg/g
48	Cd	0.5	± 0.4	µg/g
50	SnO2	47.5	± 1.0	µg/g
51	Sb		< 1.3	µg/g
52	Te		< 1.9	µg/g
53	I		< 3.7	µg/g
55	Cs		< 6.3	µg/g
56	Ba	112.7	± 4.6	µg/g
57	La	9.1	± 3.0	µg/g

## Screening analysis

58	Ce	16.7	± 4.1	µg/g
80	Hg	2.1	± 0.5	µg/g
81	Tl	1.8	± 0.5	µg/g
82	PbO	16.0	± 0.8	µg/g
83	Bi	2.2	± 0.4	µg/g
90	Th	12.7	± 0.6	µg/g
92	U		< 7.9	µg/g

Sum of concentration 70.26 %

## Main Compounds

11	Na2O	2.08	± 0.20	%
12	MgO	1.347	± 0.047	%
13	Al2O3	13.75	± 0.07	%
14	SiO2	> 112.9	± 0.2	%
15	P2O5	2.178	± 0.013	%
19	K2O	2.510	± 0.019	%
20	CaO	2.108	± 0.015	%
26	Fe2O3	2.662	± 0.007	%

Sum 139.6 %