

## Preset Sample Data

Sample Name: **cat21614o**  
 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	3500	±	1200	µg/g
12	MgO	6450	±	280	µg/g
13	Al2O3	86180	±	450	µg/g
14	SiO2	694100	±	1000	µg/g
15	P2O5	8248	±	63	µg/g
16	SO3	1013	±	16	µg/g
17	Cl	2951	±	13	µg/g
19	K2O	17440	±	120	µg/g
20	CaO	13910	±	100	µg/g
22	TiO2	3454	±	33	µg/g
23	V2O5	147	±	14	µg/g
24	Cr2O3	34.2	±	5.1	µg/g
25	MnO	1720	±	18	µg/g
26	Fe2O3	18440	±	50	µg/g
27	CoO	21.9	±	5.5	µg/g
28	NiO	15.9	±	1.4	µg/g
29	CuO	89.3	±	2.1	µg/g
30	ZnO	62.0	±	1.4	µg/g
31	Ga	7.8	±	0.5	µg/g
32	Ge	0.4	±	0.3	µg/g
33	As2O3	7.0	±	0.7	µg/g
34	Se	0.7	±	0.2	µg/g
35	Br	6.3	±	0.3	µg/g
37	Rb2O	76.1	±	0.6	µg/g
38	SrO	71.5	±	0.5	µg/g
39	Y	17.0	±	0.4	µg/g
40	ZrO2	129.9	±	4.5	µg/g
41	Nb2O5	7.8	±	1.7	µg/g
42	Mo		<	2.1	µg/g
47	Ag		<	0.8	µg/g
48	Cd	0.3	±	0.3	µg/g
50	SnO2	5.0	±	0.3	µg/g
51	Sb		<	1.0	µg/g
52	Te		<	1.5	µg/g
53	I		<	2.8	µg/g
55	Cs		<	5.4	µg/g
56	Ba	257.7	±	4.5	µg/g
57	La	11.4	±	2.7	µg/g

## Screening analysis

58	Ce	12.3	±	3.9	µg/g
80	Hg	1.6	±	0.4	µg/g
81	Tl	1.1	±	0.4	µg/g
82	PbO	14.6	±	0.7	µg/g
83	Bi	0.5	±	0.3	µg/g
90	Th	7.2	±	0.4	µg/g
92	U		<	5.6	µg/g

Sum of concentration 42.51 %

## Main Compounds

13	Al2O3	8.618	±	0.045	%
14	SiO2	69.41	±	0.10	%
19	K2O	1.744	±	0.012	%
20	CaO	1.391	±	0.010	%
26	Fe2O3	1.844	±	0.005	%

Sum 83.01 %