

Preset Sample Data

Sample Name:	cat5877i	Dilution Material:	B-HWC
Description:	Hayden	Sample Mass (g):	4.0000
Method:	Tq-0261a	Dilution Mass (g):	0.0000
Job Number:	Thilo Ac Vis	Dilution Factor:	1.0000
Sample State:	Pressed tablet, 32 mm	Sample rotation:	No
Sample Type:	Pressed Tablet	Date of Receipt:	23/06/20 06
Sample Status:	A A A X X X	Date of Evaluation:	23/06/20 06

Results

The error is the statistical error with 1 sigma confidence interval

Screening analysis

11	Na2O	7500	±	1200	µg/g
12	MgO	9650	±	350	µg/g
13	Al2O3	108800	±	500	µg/g
14	SiO2	669900	±	1000	µg/g
15	P2O5	10140	±	70	µg/g
16	SO3	4458	±	36	µg/g
17	Cl	4023	±	16	µg/g
19	K2O	11910	±	140	µg/g
20	CaO	24890	±	190	µg/g
22	TiO2	4424	±	41	µg/g
23	V2O5	101	±	16	µg/g
24	Cr2O3	85.5	±	6.8	µg/g
25	MnO	1577	±	18	µg/g
26	Fe2O3	21740	±	60	µg/g
27	CoO	31.3	±	6.4	µg/g
28	NiO	19.3	±	1.7	µg/g
29	CuO	2624	±	11	µg/g
30	ZnO	1037	±	6	µg/g
31	Ga	17.6	±	1.1	µg/g
32	Ge		<	0.9	µg/g
33	As2O3	20.4	±	5.9	µg/g
34	Se	7.6	±	0.6	µg/g
35	Br	1.2	±	0.4	µg/g
37	Rb2O	34.3	±	0.4	µg/g
38	SrO	97.9	±	0.7	µg/g
39	Y	6.4	±	0.7	µg/g
40	ZrO2	144.4	±	5.7	µg/g
41	Nb2O5		<	4.1	µg/g
42	Mo		<	3.0	µg/g
47	Ag	6.5	±	0.8	µg/g
48	Cd		<	3.8	µg/g
50	SnO2	> 6919	±	11	µg/g
51	Sb		<	1.7	µg/g
52	Te		<	2.5	µg/g
53	I		<	17	µg/g
55	Cs		<	6.1	µg/g
56	Ba	662.2	±	6.1	µg/g
57	La		<	9.1	µg/g

Screening analysis

58	Ce		<	12	µg/g
80	Hg	1.8	±	0.4	µg/g
81	Tl		<	3.2	µg/g
82	PbO	2486	±	7	µg/g
83	Bi	16.2	±	1.2	µg/g
90	Th		<	2.2	µg/g
92	U		<	7.4	µg/g

Sum of concentration 45.09 %

Main Compounds

13	Al2O3	10.88	±	0.05	%
14	SiO2	66.99	±	0.10	%
15	P2O5	1.014	±	0.007	%
19	K2O	1.191	±	0.014	%
20	CaO	2.489	±	0.019	%
26	Fe2O3	2.174	±	0.006	%

Sum 84.74 %