

Preset Sample Data

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|----------------|-----------------------|---------------------|------------|
| Sample Name: | cat8664o | 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: | 23/06/2006 |
| Sample Status: | A A A X X X | Date of Evaluation: | 23/06/2006 |

Results

The error is the statistical error with 1 sigma confidence interval

Screening analysis

| | | | | |
|----|-------|--------|--------|------|
| 11 | Na2O | 11400 | ± 1400 | µg/g |
| 12 | MgO | 10510 | ± 330 | µg/g |
| 13 | Al2O3 | 79710 | ± 440 | µg/g |
| 14 | SiO2 | 614300 | ± 900 | µg/g |
| 15 | P2O5 | 21640 | ± 110 | µg/g |
| 16 | SO3 | 1702 | ± 19 | µg/g |
| 17 | Cl | 6972 | ± 21 | µg/g |
| 19 | K2O | 15430 | ± 120 | µg/g |
| 20 | CaO | 49650 | ± 190 | µg/g |
| 22 | TiO2 | 3396 | ± 35 | µg/g |
| 23 | V2O5 | 144 | ± 15 | µg/g |
| 24 | Cr2O3 | 28.5 | ± 5.4 | µg/g |
| 25 | MnO | 791 | ± 13 | µg/g |
| 26 | Fe2O3 | 18700 | ± 50 | µg/g |
| 27 | CoO | 14.1 | ± 4.7 | µg/g |
| 28 | NiO | 18.7 | ± 1.3 | µg/g |
| 29 | CuO | 95.0 | ± 2.2 | µg/g |
| 30 | ZnO | 66.0 | ± 1.4 | µg/g |
| 31 | Ga | 7.0 | ± 0.5 | µg/g |
| 32 | Ge | | < 0.5 | µg/g |
| 33 | As2O3 | 3.8 | ± 0.6 | µg/g |
| 34 | Se | | < 0.2 | µg/g |
| 35 | Br | 4.6 | ± 0.2 | µg/g |
| 37 | Rb2O | 65.1 | ± 0.5 | µg/g |
| 38 | SrO | 137.3 | ± 0.7 | µg/g |
| 39 | Y | 16.5 | ± 0.4 | µg/g |
| 40 | ZrO2 | 165.5 | ± 5.0 | µg/g |
| 41 | Nb2O5 | 11.3 | ± 1.9 | µg/g |
| 42 | Mo | | < 2.3 | µg/g |
| 47 | Ag | | < 0.9 | µg/g |
| 48 | Cd | 0.6 | ± 0.3 | µg/g |
| 50 | SnO2 | 8.2 | ± 0.4 | µg/g |
| 51 | Sb | 1.4 | ± 0.3 | µg/g |
| 52 | Te | | < 1.5 | µg/g |
| 53 | I | | < 2.8 | µg/g |
| 55 | Cs | | < 5.6 | µg/g |
| 56 | Ba | 335.1 | ± 4.7 | µg/g |
| 57 | La | | < 9.1 | µg/g |

Screening analysis

| | | | | |
|----|-----|------|-------|------|
| 58 | Ce | 14.9 | ± 3.9 | µg/g |
| 80 | Hg | 1.0 | ± 0.5 | µg/g |
| 81 | Tl | 0.8 | ± 0.4 | µg/g |
| 82 | PbO | 10.4 | ± 0.7 | µg/g |
| 83 | Bi | 0.9 | ± 0.3 | µg/g |
| 90 | Th | 6.4 | ± 0.5 | µg/g |
| 92 | U | 4.8 | ± 2.9 | µg/g |

Sum of concentration 42.63 %

Main Compounds

| | | | | |
|----|-------|-------|---------|---|
| 11 | Na2O | 1.14 | ± 0.14 | % |
| 12 | MgO | 1.051 | ± 0.033 | % |
| 13 | Al2O3 | 7.971 | ± 0.044 | % |
| 14 | SiO2 | 61.43 | ± 0.09 | % |
| 15 | P2O5 | 2.164 | ± 0.011 | % |
| 19 | K2O | 1.543 | ± 0.012 | % |
| 20 | CaO | 4.965 | ± 0.019 | % |
| 26 | Fe2O3 | 1.870 | ± 0.005 | % |

Sum 82.14 %