

Preset Sample Data

Sample Name: **cat8664i**
 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 | 12200 | ± 1200 | µg/g |
| 12 | MgO | 9890 | ± 310 | µg/g |
| 13 | Al2O3 | 83780 | ± 440 | µg/g |
| 14 | SiO2 | 588200 | ± 900 | µg/g |
| 15 | P2O5 | 15250 | ± 80 | µg/g |
| 16 | SO3 | 458.9 | ± 6.5 | µg/g |
| 17 | Cl | 3960 | ± 15 | µg/g |
| 19 | K2O | 16010 | ± 120 | µg/g |
| 20 | CaO | 46960 | ± 170 | µg/g |
| 22 | TiO2 | 2681 | ± 30 | µg/g |
| 23 | V2O5 | 72 | ± 12 | µg/g |
| 24 | Cr2O3 | 55.8 | ± 5.8 | µg/g |
| 25 | MnO | 1282 | ± 16 | µg/g |
| 26 | Fe2O3 | 19430 | ± 60 | µg/g |
| 27 | CoO | 19.0 | ± 5.2 | µg/g |
| 28 | NiO | 18.2 | ± 1.4 | µg/g |
| 29 | CuO | 2182 | ± 10 | µg/g |
| 30 | ZnO | 110.1 | ± 2.0 | µg/g |
| 31 | Ga | 2.2 | ± 0.5 | µg/g |
| 32 | Ge | 2.0 | ± 0.3 | µg/g |
| 33 | As2O3 | 26.2 | ± 2.3 | µg/g |
| 34 | Se | 2.1 | ± 0.3 | µg/g |
| 35 | Br | 3.1 | ± 0.2 | µg/g |
| 37 | Rb2O | 63.0 | ± 0.5 | µg/g |
| 38 | SrO | 113.3 | ± 0.7 | µg/g |
| 39 | Y | 15.2 | ± 0.5 | µg/g |
| 40 | ZrO2 | 162.7 | ± 5.6 | µg/g |
| 41 | Nb2O5 | 4.1 | ± 1.6 | µg/g |
| 42 | Mo | | < 2.5 | µg/g |
| 47 | Ag | | < 1.0 | µg/g |
| 48 | Cd | | < 1.6 | µg/g |
| 50 | SnO2 | 1040 | ± 4 | µg/g |
| 51 | Sb | | < 1.2 | µg/g |
| 52 | Te | | < 1.7 | µg/g |
| 53 | I | | < 6.7 | µg/g |
| 55 | Cs | | < 5.6 | µg/g |
| 56 | Ba | 196.5 | ± 4.4 | µg/g |
| 57 | La | 10.9 | ± 2.8 | µg/g |

Screening analysis

| | | | | |
|----|-----|-------|-------|------|
| 58 | Ce | 17.3 | ± 4.0 | µg/g |
| 80 | Hg | | < 0.9 | µg/g |
| 81 | Tl | 2.3 | ± 0.7 | µg/g |
| 82 | PbO | 257.2 | ± 2.2 | µg/g |
| 83 | Bi | 6.7 | ± 0.7 | µg/g |
| 90 | Th | 4.6 | ± 0.3 | µg/g |
| 92 | U | | < 5.4 | µg/g |

Sum of concentration 41.17 %

Main Compounds

| | | | | |
|-----|-------|-------|---------|---|
| 11 | Na2O | 1.22 | ± 0.12 | % |
| 13 | Al2O3 | 8.378 | ± 0.044 | % |
| 14 | SiO2 | 58.82 | ± 0.09 | % |
| 15 | P2O5 | 1.525 | ± 0.008 | % |
| 19 | K2O | 1.601 | ± 0.012 | % |
| 20 | CaO | 4.696 | ± 0.017 | % |
| 26 | Fe2O3 | 1.943 | ± 0.006 | % |
| Sum | | 78.19 | | % |