

Certified Reference Material for a Copper Concentrate

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|-----------------|-----------------------------------|
| Art. ID | CANMET-CCU-1f |
| Unit | 200 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

CU-1f is a copper concentrate donated by Hudbay Minerals Inc., from the mill in Flin Flon, Manitoba, Canada. The mineral species include: chalcopyrite (74.19%), pyrite (15.17%), sphalerite (3.64), Fe-Cu sulphides-mixture (1.17), enstatite (0.77%), other silicates (0.41%), Fe-oxide (0.33%), quartz (0.20%), gypsum (0.17%), chlorite-clinoclone (0.16%), galena (0.16%), aluminosilicates-mixture (0.07%), fayalite (0.04%), albite (0.04%), muscovite (0.02%), epidote (0.01%), unclassified (3.44%).

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|---|--------------|---------------------|------|--------|--------|
| Certified Value | Silver (Ag) | [7440-22-4] | 157 | µg/g | | |
| Certified Value | Al non AD2 | | 0,1203 | % | | |
| Certified Value | Arsenic (As) | [7440-38-2] | 0,0821 | % | | |
| Certified Value | Gold (Au) | [7440-57-5] | 19,08 | µg/g | | |
| Certified Value | Calcium (Ca) | [7440-70-2] | 0,14 | % | | |
| Certified Value | Cadmium (Cd) | [7440-43-9] | 110,2 | µg/g | | |
| Certified Value | Cobalt (Co) | [7440-48-4] | 304,2 | µg/g | | |
| Certified Value | Cu as-received, classic al | | 23,33 | % | | |
| Certified Value | Cu dry-mass Calculated correction, classical | | 23,56 | % | | |
| Certified Value | Cu as-received, instrum ental | | 23,31 | % | | |
| Certified Value | Fe non TITN | | 29,5 | % | | |
| Certified Value | Mercury (Hg) | [7439-97-6] | 12,19 | µg/g | | |
| Certified Value | Mg non AD2 | | 0,383 | % | | |
| Certified Value | Manganese (Mn) | [7439-96-5] | 82,9 | µg/g | | |
| Certified Value | Lead (Pb) | [7439-92-1] | 0,2095 | % | | |
| Certified Value | S COMB | | 34,82 | % | | |
| Certified Value | S non COMB | | 34,96 | % | | |
| Certified Value | Antimony (Sb) | [7440-36-0] | 85,5 | µg/g | | |
| Certified Value | SiO2 | | 2,015 | % | | |
| Certified Value | Tellurium (Te) | [13494-80-9] | 49,9 | µg/g | | |
| Certified Value | Thallium (Tl) | [7440-28-0] | 1,51 | µg/g | | |
| Certified Value | Zinc (Zn) | [7440-66-6] | 4,085 | % | | |