

IPE Reference Material - Cacao leaf / Theobroma cacao

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|-----------------|-----------------------------------|
| Art. ID | WEPAL-IPE-241 |
| Unit | 20 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: Ivory Coast / Latest period: 2023.2

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|---------------------------------------|--------|
| Consensus Value | Boron (B) | [7440-42-8] | 56 ± 5,57 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Barium (Ba) | [7440-39-3] | 111 ± 11,7 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Calcium (Ca) | [7440-70-2] | 18,5 ± 1,27 | g/kg | Inorganic Chemical C omposition | |
| Consensus Value | Cadmium (Cd) | [7440-43-9] | 221 ± 31,4 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Cobalt (Co) | [7440-48-4] | 6950 ± 654 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Chromium (Cr) | [7440-47-3] | 516 ± 127 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Copper (Cu) | [7440-50-8] | 23,8 ± 2,69 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Iron (Fe) | [7439-89-6] | 163 ± 17,1 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Mercury (Hg) | [7439-97-6] | 17,1 ± 2,87 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Potassium (K) | [7440-09-7] | 16,1 ± 1,01 | g/kg | Inorganic Chemical C | |

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|-----------------|-----------------|-------------|--------------|-------|---------------------------------------|
| Consensus Value | Magnesium (Mg) | [7439-95-4] | 6,89 ± 0,481 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Manganese (Mn) | [7439-96-5] | 500 ± 36,9 | mg/kg | Inorganic Chemical C omposition |
| Consensus Value | Molybdenum (Mo) | [7439-98-7] | 347 ± 78,3 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Kjeldahl as N | | 20,5 ± 0,74 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Sodium (Na) | [7440-23-5] | 146 ± 23,4 | mg/kg | Inorganic Chemical C omposition |
| Consensus Value | Nickel (Ni) | [7440-02-0] | 16600 ± 2010 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Phosphorus (P) | [7723-14-0] | 1,77 ± 0,1 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Lead (Pb) | [7439-92-1] | 286 ± 67,1 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Sulfur (S) | [7704-34-9] | 2,52 ± 0,212 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Selenium (Se) | [7782-49-2] | 315 ± 52,7 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Strontium (Sr) | [7440-24-6] | 186 ± 14 | mg/kg | Inorganic Chemical C omposition |
| Consensus Value | Vanadium (V) | [7440-62-2] | 296 ± 51,5 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Zinc (Zn) | [7440-66-6] | 63,5 ± 5,21 | mg/kg | Inorganic |

| | | | | | Chemical C omposition |
|-----------------|----------------|-------------|-------------|-------|---|
| Consensus Value | Aluminium (Al) | [7429-90-5] | 193 ± 38,3 | mg/kg | Real total s |
| Consensus Value | C - elementary | | 453 ± 14,4 | g/kg | Real total s |
| Consensus Value | N - elementary | | 21,5 ± 0,86 | g/kg | Real total s |
| Consensus Value | Aluminium (Al) | [7429-90-5] | 149 ± 26,2 | mg/kg | Acid extra ctable (So -called to tals) |
| Consensus Value | Total ash | | 125 ± 5,8 | g/kg | Nutritiona l values |