

IPE Reference Material - Cacao leaf / Theobroma cacao

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	

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