

IPE Reference Material - Willow wood / Salix alba.

Art. ID WEPAL-IPE-245
Unit 20 g
Deliverydetails No Dangerous Good /not restricted

Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: Netherlands / Latest period: 2022.3

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Consensus Value	Arsenic (As)	[7440-38-2]	62 ± 9,76	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Boron (B)	[7440-42-8]	10,7 ± 1,37	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Barium (Ba)	[7440-39-3]	10 ± 0,99	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Calcium (Ca)	[7440-70-2]	6,6 ± 0,485	g/kg	Inorganic Chemical C omposition	
Consensus Value	Cadmium (Cd)	[7440-43-9]	211 ± 22	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Cobalt (Co)	[7440-48-4]	46,4 ± 5,06	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Chromium (Cr)	[7440-47-3]	369 ± 81,6	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Copper (Cu)	[7440-50-8]	3,6 ± 0,477	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Iron (Fe)	[7439-89-6]	91,3 ± 10,87	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Mercury (Hg)	[7439-97-6]	6,94 ± 1112	µg/kg	Inorganic Chemical C	

Consensus Value	Potassium (K)	[7440-09-7]	2,41 ± 0,22	g/kg	Inorganic Chemical C composition
Consensus Value	Magnesium (Mg)	[7439-95-4]	0,493 ± 0,042	g/kg	Inorganic Chemical C composition
Consensus Value	Manganese (Mn)	[7439-96-5]	54,5 ± 3,89	mg/kg	Inorganic Chemical C composition
Consensus Value	Molybdenum (Mo)	[7439-98-7]	105 ± 18,8	µg/kg	Inorganic Chemical C composition
Consensus Value	Kjeldahl as N		5,23 ± 0,527	g/kg	Inorganic Chemical C composition
Consensus Value	Sodium (Na)	[7440-23-5]	188 ± 25,5	mg/kg	Inorganic Chemical C composition
Consensus Value	Nickel (Ni)	[7440-02-0]	275 ± 50,4	µg/kg	Inorganic Chemical C composition
Consensus Value	Phosphorus (P)	[7723-14-0]	0,536 ± 0,0535	g/kg	Inorganic Chemical C composition
Consensus Value	Lead (Pb)	[7439-92-1]	1270 ± 137	µg/kg	Inorganic Chemical C composition
Consensus Value	Sulfur (S)	[7704-34-9]	0,472 ± 0,0498	g/kg	Inorganic Chemical C composition
Consensus Value	Strontium (Sr)	[7440-24-6]	22 ± 1,44	mg/kg	Inorganic Chemical C composition
Consensus Value	Zinc (Zn)	[7440-66-6]	20,7 ± 1,55	mg/kg	Inorganic Chemical C composition
Consensus Value	C - elementary		490 ± 13,1	g/kg	Real total

Consensus Value	N - elementary		5,39 ± 0,602	g/kg	Real total s
Consensus Value	Aluminium (Al)	[7429-90-5]	53,3 ± 11	mg/kg	Acid extra ctable (So -called to tals)
Consensus Value	delta 13C		-26,7 ± 0,33	‰ V-PDB	Other dete rminations
Consensus Value	Total ash		25,5 ± 2,52	g/kg	Nutritiona l values