

IPE Reference Material - Rice straw / Oryza sativa

Art. ID WEPAL-IPE-186
Unit 20 g
Deliverydetails No Dangerous Good /not restricted

Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: Philippines / Latest period: 2022.4

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Consensus Value	Arsenic (As)	[7440-38-2]	1570 ± 235	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Barium (Ba)	[7440-39-3]	24,5 ± 1,71	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Calcium (Ca)	[7440-70-2]	3,27 ± 0,293	g/kg	Inorganic Chemical C omposition	
Consensus Value	Chlorine (Cl)	[7782-50-5]	4,15 ± 0,287	g/kg	Inorganic Chemical C omposition	
Consensus Value	Cobalt (Co)	[7440-48-4]	207 ± 33,2	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Copper (Cu)	[7440-50-8]	2,97 ± 0,605	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Iron (Fe)	[7439-89-6]	177 ± 29,2	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Mercury (Hg)	[7439-97-6]	628 ± 47,2	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Iodine (I)	[7553-56-2]	604 ± 65,3	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Potassium (K)	[7440-09-7]	16 ± 1,68	g/kg	Inorganic Chemical C	

Consensus Value	Lithium (Li)	[7439-93-2]	90,7 ± 19,12	µg/kg	Inorganic Chemical C omposition
Consensus Value	Magnesium (Mg)	[7439-95-4]	1,15 ± 0,119	g/kg	Inorganic Chemical C omposition
Consensus Value	Manganese (Mn)	[7439-96-5]	344 ± 44,8	mg/kg	Inorganic Chemical C omposition
Consensus Value	Molybdenum (Mo)	[7439-98-7]	2210 ± 396	µg/kg	Inorganic Chemical C omposition
Consensus Value	Kjeldahl as N		9,12 ± 0,6	g/kg	Inorganic Chemical C omposition
Consensus Value	Sodium (Na)	[7440-23-5]	83,4 ± 19,97	mg/kg	Inorganic Chemical C omposition
Consensus Value	Phosphorus (P)	[7723-14-0]	0,785 ± 0,0653	g/kg	Inorganic Chemical C omposition
Consensus Value	Rubidium (Rb)	[7440-17-7]	15500 ± 1170	µg/kg	Inorganic Chemical C omposition
Consensus Value	Sulfur (S)	[7704-34-9]	0,815 ± 0,0717	g/kg	Inorganic Chemical C omposition
Consensus Value	Strontium (Sr)	[7440-24-6]	12,4 ± 1,05	mg/kg	Inorganic Chemical C omposition
Consensus Value	Titanium (Ti)	[7440-32-6]	7,07 ± 1380	mg/kg	Inorganic Chemical C omposition
Consensus Value	Vanadium (V)	[7440-62-2]	321 ± 57,5	µg/kg	Inorganic Chemical C omposition
Consensus Value	Zinc (Zn)	[7440-66-6]	17,2 ± 2,77	mg/kg	Inorganic

				Chemical C omposition	
Consensus Value	C - elementary		380 ± 11,1	g/kg	Real total s
Consensus Value	N - elementary		9,57 ± 0,527	g/kg	Real total s
Consensus Value	Aluminium (Al)	[7429-90-5]	101 ± 12,2	mg/kg	Acid extra ctable (So -called to tals)
Consensus Value	delta 13C		-29,1 ± 1,1	‰ V-PDB	Other dete rminations
Consensus Value	delta 15N		3,55 ± 18,6	‰ Air	Other dete rminations
Consensus Value	Crude fibre		307 ± 18	g/kg	Nutritiona l values
Consensus Value	Total ash		213 ± 6,9	g/kg	Nutritiona l values