

IPE Reference Material - Maize (grain) / Zea mays

Art. ID	WEPAL-IPE-222
Unit	20 g
Deliverydetails	No Dangerous Good /not restricted

Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: France / Latest period: 2022.2

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Consensus Value	Copper (Cu)	[7440-50-8]	1,46 ± 0,362	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Iron (Fe)	[7439-89-6]	23,9 ± 4,31	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Potassium (K)	[7440-09-7]	3,7 ± 0,274	g/kg	Inorganic Chemical C omposition	
Consensus Value	Magnesium (Mg)	[7439-95-4]	1,07 ± 0,079	g/kg	Inorganic Chemical C omposition	
Consensus Value	Manganese (Mn)	[7439-96-5]	5,41 ± 0,67	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Molybdenum (Mo)	[7439-98-7]	189 ± 25,3	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Kjeldahl as N		13,3 ± 0,71	g/kg	Inorganic Chemical C omposition	
Consensus Value	Phosphorus (P)	[7723-14-0]	2,53 ± 0,154	g/kg	Inorganic Chemical C omposition	
Consensus Value	Sulfur (S)	[7704-34-9]	1,06 ± 0,088	g/kg	Inorganic Chemical C omposition	
Consensus Value	Zinc (Zn)	[7440-66-6]	20 ± 1,84	mg/kg	Inorganic Chemical C	

				omposition
Consensus Value	C - elementary	455 ± 14,8	g/kg	Real total s
Consensus Value	N - elementary	13,6 ± 0,42	g/kg	Real total s
Consensus Value	Crude fibre	19 ± 2,93	g/kg	Nutritiona I values
Consensus Value	Total ash	13,3 ± 1,32	g/kg	Nutritiona I values