

IPE Reference Material - wheat (grain) / Triticum vulgare

Art. ID WEPAL-IPE-182
Unit 20 g
Deliverydetails No Dangerous Good /not restricted

Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: Marknesse / Netherlands / Last period: 2016.2

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Consensus Value	Arsenic (As)	[7440-38-2]	72,9 ± 12,65	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Barium (Ba)	[7440-39-3]	2,02 ± 0,292	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Calcium (Ca)	[7440-70-2]	0,727 ± 0,0939	g/kg	Inorganic Chemical C omposition	
Consensus Value	Chlorine (Cl)	[7782-50-5]	0,991 ± 0,1433	g/kg	Inorganic Chemical C omposition	
Consensus Value	Cobalt (Co)	[7440-48-4]	42,3 ± 7,26	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Copper (Cu)	[7440-50-8]	4,17 ± 0,43	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Iron (Fe)	[7439-89-6]	166 ± 20,8	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Potassium (K)	[7440-09-7]	4,45 ± 0,334	g/kg	Inorganic Chemical C omposition	
Consensus Value	Lithium (Li)	[7439-93-2]	155 ± 19,7	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Magnesium (Mg)	[7439-95-4]	1,2 ± 0,086	g/kg	Inorganic Chemical C	

					omposition
Consensus Value	Manganese (Mn)	[7439-96-5]	12,4 ± 1,31	mg/kg	Inorganic Chemical C omposition
Consensus Value	Molybdenum (Mo)	[7439-98-7]	794 ± 79,3	µg/kg	Inorganic Chemical C omposition
Consensus Value	Kjeldahl as N		14,5 ± 0,79	g/kg	Inorganic Chemical C omposition
Consensus Value	Phosphorus (P)	[7723-14-0]	3,46 ± 0,216	g/kg	Inorganic Chemical C omposition
Consensus Value	Lead (Pb)	[7439-92-1]	181 ± 39,7	µg/kg	Inorganic Chemical C omposition
Consensus Value	Sulfur (S)	[7704-34-9]	1,13 ± 0,102	g/kg	Inorganic Chemical C omposition
Consensus Value	Selenium (Se)	[7782-49-2]	30,5 ± 6,91	µg/kg	Inorganic Chemical C omposition
Consensus Value	Strontium (Sr)	[7440-24-6]	4,83 ± 0,317	mg/kg	Inorganic Chemical C omposition
Consensus Value	Vanadium (V)	[7440-62-2]	249 ± 44,3	µg/kg	Inorganic Chemical C omposition
Consensus Value	Zinc (Zn)	[7440-66-6]	27,4 ± 2,02	mg/kg	Inorganic Chemical C omposition