

## **IPE Reference Material - Milk Thistle Seed / Silybum marianum**

Art. ID                      WEPAL-IPE-213  
Unit                         20 g  
Deliverydetails            No Dangerous Good /not restricted

### Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: Bulgaria / Last period: 2013.4

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Consensus Value	Boron (B)	[7440-42-8]	16,5 ± 1,82	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Calcium (Ca)	[7440-70-2]	9,57 ± 0,689	g/kg	Inorganic Chemical C omposition	
Consensus Value	Cadmium (Cd)	[7440-43-9]	381 ± 37,2	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Cobalt (Co)	[7440-48-4]	70,6 ± 13,22	µg/kg	Inorganic Chemical C omposition	
Consensus Value	Copper (Cu)	[7440-50-8]	16,4 ± 1,41	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Iron (Fe)	[7439-89-6]	85,2 ± 8,65	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Potassium (K)	[7440-09-7]	6 ± 0,382	g/kg	Inorganic Chemical C omposition	
Consensus Value	Magnesium (Mg)	[7439-95-4]	3,93 ± 0,26	g/kg	Inorganic Chemical C omposition	
Consensus Value	Manganese (Mn)	[7439-96-5]	28,9 ± 2,69	mg/kg	Inorganic Chemical C omposition	
Consensus Value	Molybdenum (Mo)	[7439-98-7]	984 ± 122,6	µg/kg	Inorganic Chemical C	

Consensus Value	Kjeldahl as N		27,7 ± 1,47	g/kg	Inorganic Chemical C omposition
Consensus Value	Nickel (Ni)	[7440-02-0]	1090 ± 101	µg/kg	Inorganic Chemical C omposition
Consensus Value	Phosphorus (P)	[7723-14-0]	6,76 ± 0,531	g/kg	Inorganic Chemical C omposition
Consensus Value	Sulfur (S)	[7704-34-9]	1,75 ± 0,176	g/kg	Inorganic Chemical C omposition
Consensus Value	Zinc (Zn)	[7440-66-6]	55,3 ± 4,083	mg/kg	Inorganic Chemical C omposition