

## Water Hyacinth

Art. ID	NIES-29
Unit	5 g
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Sodium (Na)	[7440-23-5]	0,665 ± 0,050	%	AAS,ICP-AE S,ICP-MS	
Certified value	Magnesium (Mg)	[7439-95-4]	0,856 ± 0,042	%	AAS,ICP-AE S,ICP-MS,N AA,XRF/WDX	
Certified value	Phosphorus (P)	[7723-14-0]	0,515 ± 0,056	%	AAS,ICP-AE S,XRF/WDX	
Certified value	Sulfur (S)	[7704-34-9]	0,231 ± 0,023	%	IC,ICP-AES ,XRF/WDX	
Certified value	Calcium (Ca)	[7440-70-2]	1,63 ± 0,13	%	AAS,ICP-AE S,ICP-MS,N AA,XRF/WDX	
Certified value	Manganese (Mn)	[7439-96-5]	53,9 ± 5,6	mg/kg	ICP-AES,IC P-MS,NAA,X RF/WDX	
Certified value	Iron (Fe)	[7439-89-6]	345 ± 21	mg/kg	ICP-AES,IC P-MS,XRF/W DX	
Certified value	Cobalt (Co)	[7440-48-4]	0,499 ± 0,034	mg/kg	HR ICP-MS, ICP-MS	
Certified value	Copper (Cu)	[7440-50-8]	4,48 ± 0,36	mg/kg	HR ICP-MS, ICP-AES,IC P-MS	
Certified value	Zinc (Zn)	[7440-66-6]	145 ± 15	mg/kg	ICP-AES,IC P-MS,XRF/W DX	
Certified value	Strontium (Sr)	[7440-24-6]	60,0 ± 4,0	mg/kg	ICP-AES,IC P-MS	
Certified value	Molybdenum (Mo)	[7439-98-7]	3,06 ± 0,27	mg/kg	HR ICP-MS, ICP-MS,ID- ICP-MS	

Certified value	Barium (Ba)	[7440-39-3]	48,2 ± 3,0	mg/kg	ICP-AES,IC P-MS
Reference value	Carbon (C)	[7440-44-0]	39,1	%	EA
Reference value	Nitrogen (N)	[7727-37-9]	2,1	%	EA
Reference value	Potassium (K)	[7440-09-7]	4,5	%	AAS,ICP-AE S,ICP-MS,N AA,XRF/WDX
Reference value	Yttrium (Y)	[7440-65-5]	0,0668	mg/kg	ICP-AES,IC P-MS
Reference value	Cadmium (Cd)	[7440-43-9]	0,099	mg/kg	HR ICP-MS, ICP-MS
Reference value	Lead (Pb)	[7439-92-1]	0,531	mg/kg	ICP-MS