

**Magnolia B-1, UNS C89320, Certified Reference Material, Disc Ø 31 mm x 3 mm**

Art. ID IARM-CuMB1-18-X  
Unit Disc  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Aluminium (Al)	[7429-90-5]	0,0012 ± 0,0009	%		
Certified Value	Bismuth (Bi)	[7440-69-9]	4,51 ± 0,2	%		
Certified Value	Copper (Cu)	[7440-50-8]	88,98 ± 0,48	%		
Certified Value	Iron (Fe)	[7439-89-6]	0,0016 ± 0,0008	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,58 ± 0,02	%		
Certified Value	Oxygen (O)	[7782-44-7]	0,003 ± 0,002	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,049 ± 0,004	%		
Certified Value	Lead (Pb)	[7439-92-1]	0,015 ± 0,002	%		
Certified Value	Sulfur (S)	[7704-34-9]	0,002 ± 0,0007	%		
Certified Value	Antimony (Sb)	[7440-36-0]	0,003 ± 0,002	%		
Certified Value	Selenium (Se)	[7782-49-2]	0,0025 ± 0,0007	%		
Certified Value	Tin (Sn)	[7440-31-5]	5,58 ± 0,13	%		
Certified Value	Zinc (Zn)	[7440-66-6]	0,47 ± 0,04	%		
Indicative Value	Silver (Ag)	[7440-22-4]	<30	ppm		
Indicative Value	Arsenic (As)	[7440-38-2]	<80	ppm		
Indicative Value	Boron (B)	[7440-42-8]	<50	ppm		
Indicative Value	Beryllium (Be)	[7440-41-7]	<50	ppm		
Indicative Value	Carbon (C)	[7440-44-0]	~20	ppm		
Indicative Value	Calcium (Ca)	[7440-70-2]	<50	ppm		
Indicative Value	Cadmium (Cd)	[7440-43-9]	~5	ppm		
Indicative Value	Cobalt (Co)	[7440-48-4]	<20	ppm		
Indicative Value	Chromium (Cr)	[7440-47-3]	<80	ppm		
Indicative Value	Hydrogen (H)	[1333-74-0]	<10	ppm		
Indicative Value	Magnesium (Mg)	[7439-95-4]	<10	ppm		
Indicative Value	Manganese (Mn)	[7439-96-5]	~50	ppm		
Indicative Value	Nitrogen (N)	[7727-37-9]	~6	ppm		
Indicative Value	Niobium (Nb)	[7440-03-1]	<90	ppm		
Indicative Value	Silicon (Si)	[7440-21-3]	<10	ppm		
Indicative Value	Titanium (Ti)	[7440-32-6]	<50	ppm		
Indicative Value	Vanadium (V)	[7440-62-2]	<50	ppm		
Indicative Value	Tungsten (W)	[7440-33-7]	<50	ppm		

Indicative Value	Zirconium (Zr)	[7440-67-7]	<50	ppm
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