

**Copper base, Copper, Grade CC 246E CuSi4Zn9MnP, Disc approx. Ø 42 mm x 20 mm**

Art. ID                      HRT-CU2021  
Unit                         disc  
Deliverydetails            No Dangerous Good /not restricted

**Description**

This Reference Material is intended for use in spark atomic emission and x-ray spectrometric methods of analysis. The entire depth of the disc may be used.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Copper (Cu)	[7440-50-8]	86,6 ± 0,8	%		
	Silicon (Si)	[7440-21-3]	2,96 ± 0,16	%		
	Zinc (Zn)	[7440-66-6]	10,05 ± 0,49	%		
	Manganese (Mn)	[7439-96-5]	0,0445 ± 0,0027	%		
	Phosphorus (P)	[7723-14-0]	0,081 ± 0,012	%		
	Aluminium (Al)	[7429-90-5]	0,0008 ± 0,0005	%		
	Iron (Fe)	[7439-89-6]	0,0197 ± 0,0054	%		
	Nickel (Ni)	[7440-02-0]	0,0023 ± 0,0013	%		
	Sulfur (S)	[7704-34-9]	0,0014 ± 0,0013	%		
	Lead (Pb)	[7439-92-1]	0,0061 ± 0,0028	%		
	Tin (Sn)	[7440-31-5]	0,0066 ± 0,0049	%		
	Magnesium (Mg)	[7439-95-4]	0,0002 ± 0,0002	%		
	Chromium (Cr)	[7440-47-3]	0,0006 ± 0,0004	%		
	Antimony (Sb)	[7440-36-0]	0,0017 ± 0,0011	%		
	Arsenic (As)	[7440-38-2]	0,0006 ± 0,0004	%		
	Cadmium (Cd)	[7440-43-9]	0,0005 ± 0,0003	%		
	Bismuth (Bi)	[7440-69-9]	0,0006 ± 0,0003	%		
	Selenium (Se)	[7782-49-2]	0,0004 ± 0,0003	%		