

**Cobalt/Chromium/Nickel, Certified Reference Material for high alloyed Metal, Disc 36 mm D x 25 mm**

Art. ID                      BS-CoCrNi  
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]	0,026 ± 0,003	%		
Certified Value	Arsenic (As)	[7440-38-2]	0,0018 ± 0,0007	%		
Certified Value	Boron (B)	[7440-42-8]	0,0013 ± 0,0005	%		
Certified Value	Carbon (C)	[7440-44-0]	0,172 ± 0,009	%		
Certified Value	Cobalt (Co)	[7440-48-4]	21,9 ± 0,9	%		
Certified Value	Chromium (Cr)	[7440-47-3]	21,9 ± 0,9	%		
Certified Value	Iron (Fe)	[7439-89-6]	24,6 ± 0,8	%		
Certified Value	Manganese (Mn)	[7439-96-5]	2,24 ± 0,9	%		
Certified Value	Molybdenum (Mo)	[7439-98-7]	3,1 ± 0,2	%		
Certified Value	Niobium (Nb)	[7440-03-1]	1,38 ± 0,6	%		
Certified Value	Nickel (Ni)	[7440-02-0]	20,7 ± 0,4	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,022 ± 0,004	%		
Certified Value	Silicon (Si)	[7440-21-3]	0,89 ± 0,04	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,059 ± 0,003	%		
Certified Value	Tungsten (W)	[7440-33-7]	2,6 ± 0,2	%		
Reference Value	Copper (Cu)	[7440-50-8]	0,094 ± 0,011	%		
Reference Value	Hydrogen (H)	[1333-74-0]	0,001 ± 0,0005	%		
Reference Value	Nitrogen (N)	[7727-37-9]	0,19 ± 0,02	%		
Reference Value	Oxygen (O)	[7782-44-7]	0,009 ± 0,005	%		
Reference Value	Sulfur (S)	[7704-34-9]	<0,05	%		
Reference Value	Tin (Sn)	[7440-31-5]	<0,05	%		
Reference Value	Tantalum (Ta)	[7440-25-7]	<0,5	%		
Reference Value	Titanium (Ti)	[7440-32-6]	0,067 ± 0,009	%		
Reference Value	Zirconium (Zr)	[7440-67-7]	<0,005	%		