

### **Certified Reference Material for Chill Cast Iron Disc ~33mm diameter x ~30mm height**

Art. ID                    BS-285CE  
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]	0,02 ± 0,001	%		
Certified Value	Arsenic (As)	[7440-38-2]	0,0022 ± 0,0003	%		
Certified Value	Calcium (Ca)	[7440-70-2]	0,0018 ± 0,0004	%		
Certified Value	Carbon (C)	[7440-44-0]	3,3 ± 0,08	%		
Certified Value	Chromium (Cr)	[7440-47-3]	1 ± 0,06	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,31 ± 0,02	%		
Certified Value	Iron (Fe)	[7439-89-6]	90,89 ± 0,08	%		
Certified Value	Magnesium (Mg)	[7439-95-4]	0,036 ± 0,001	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,701 ± 0,009	%		
Certified Value	Molybdenum (Mo)	[7439-98-7]	0,19 ± 0,009	%		
Certified Value	Nickel (Ni)	[7440-02-0]	1,27 ± 0,05	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,047 ± 0,004	%		
Certified Value	Silicon (Si)	[7440-21-3]	1,94 ± 0,04	%		
Certified Value	Sulfur (S)	[7704-34-9]	0,008 ± 0,002	%		
Certified Value	Titanium (Ti)	[7440-32-6]	0,044 ± 0,004	%		
Certified Value	Tungsten (W)	[7440-33-7]	0,049 ± 0,005	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,133 ± 0,007	%		
Reference Value	Antimony (Sb)	[7440-36-0]	0,015 ± 0,009	%		
Reference Value	Boron (B)	[7440-42-8]	0,007 ± 0,002	%		
Reference Value	Cobalt (Co)	[7440-48-4]	0,005 ± 0,001	%		
Reference Value	Lead (Pb)	[7439-92-1]	0,0007 ± 0,0005	%		
Reference Value	Niobium (Nb)	[7440-03-1]	0,004 ± 0,002	%		
Reference Value	Nitrogen (N)	[7727-37-9]	<0,0	%		
Reference Value	Oxygen (O)	[7782-44-7]	<0,05	%		
Reference Value	Tantalum (Ta)	[7440-25-7]	<0,005	%		
Reference Value	Tin (Sn)	[7440-31-5]	0,0014 ± 0,0009	%		