

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

Art. ID                      BS-285CD  
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 ± 0,002        | %    |        |        |
| 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] | 0,035 ± 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] | <0,05               | %    |        |        |
| 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     | %    |        |        |