

**Certified Reference Material for Hastelloy C-22 - UNS Number N06022, Disc XRF cut 38 mm D x ~7mm height**

Art. ID                      BS-H6C-7MM  
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] | 0,223 ± 0,009       | %    |        |        |
| Certified Value  | Boron (B)         | [7440-42-8] | 0,0012 ± 0,0003     | %    |        |        |
| Certified Value  | Cobalt (Co)       | [7440-48-4] | 0,13 ± 0,04         | %    |        |        |
| Certified Value  | Chromium (Cr)     | [7440-47-3] | 21,3 ± 0,03         | %    |        |        |
| Certified Value  | Copper (Cu)       | [7440-50-8] | 0,055 ± 0,005       | %    |        |        |
| Certified Value  | Iron (Fe)         | [7439-89-6] | 3,43 ± 0,09         | %    |        |        |
| Certified Value  | Manganese (Mn)    | [7439-96-5] | 0,31 ± 0,06         | %    |        |        |
| Certified Value  | Molybdenum (Mo)   | [7439-98-7] | 13,49 ± 0,04        | %    |        |        |
| Certified Value  | Nitrogen (N)      | [7727-37-9] | 0,025 ± 0,002       | %    |        |        |
| Certified Value  | Nickel (Ni)       | [7440-02-0] | 57,7 ± 0,5          | %    |        |        |
| Certified Value  | Oxygen (O)        | [7782-44-7] | 0,0008 ± 0,0003     | %    |        |        |
| Certified Value  | Lead (Pb)         | [7439-92-1] | 0,0004 ± 0,0002     | %    |        |        |
| Certified Value  | Sulfur (S)        | [7704-34-9] | 0,0004 ± 0,0002     | %    |        |        |
| Certified Value  | Tungsten (W)      | [7440-33-7] | 3,11 ± 0,07         | %    |        |        |
| Reference Value  | Arsenic (As)      | [7440-38-2] | 0,0010 ± 0,0006     | %    |        |        |
| Reference Value  | Carbon (C)        | [7440-44-0] | 0,003 ± 0,001       | %    |        |        |
| Reference Value  | Calcium (Ca)      | [7440-70-2] | <0,5                | %    |        |        |
| Reference Value  | Hydrogen (H)      | [1333-74-0] | <0,0005             | %    |        |        |
| Reference Value  | Magnesium (Mg)    | [7439-95-4] | 0,005 ± 0,002       | %    |        |        |
| Reference Value  | Niobium (Nb)      | [7440-03-1] | 0,010 ± 0,006       | %    |        |        |
| Reference Value  | Phosphorus (P)    | [7723-14-0] | 0,007 ± 0,003       | %    |        |        |
| Reference Value  | Antimony (Sb)     | [7440-36-0] | <0,005              | %    |        |        |
| Reference Value  | Silicon (Si)      | [7440-21-3] | 0,019 ± 0,009       | %    |        |        |
| Reference Value  | Tin (Sn)          | [7440-31-5] | <0,005              | %    |        |        |
| Reference Value  | Tantalum (Ta)     | [7440-25-7] | <0,05               | %    |        |        |
| Reference Value  | Titanium (Ti)     | [7440-32-6] | 0,006 ± 0,002       | %    |        |        |
| Reference Value  | Vanadium (V)      | [7440-62-2] | 0,009 ± 0,002       | %    |        |        |
| Reference Value  | Zinc (Zn)         | [7440-66-6] | <0,005              | %    |        |        |
| Reference Value  | Zirconium (Zr)    | [7440-67-7] | <0,005              | %    |        |        |