

High Temperature Alloy Fe-Ni-Co, disc

| | |
|-----------------|-----------------------------------|
| Art. ID | NIST-1250 |
| Unit | disc |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM®) is in the form of a disk approximately 32 mm (1 1/4 in) in diameter and 19 mm (3/4 in) thick, intended for use in optical emission and x-ray fluorescence spectrometric methods of analysis. Material from the same lot is available in the form of chips as NIST-868 for use in chemical methods of analysis. Certified values /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
| | Aluminium (Al) | [7429-90-5] | 0,99 | % | | |
| | Boron (B) | [7440-42-8] | 0,0078 | % | | |
| | Carbon (C) | [7440-44-0] | 0,022 | % | | |
| | Chromium (Cr) | [7440-47-3] | 0,077 | % | | |
| | Cobalt (Co) | [7440-48-4] | 16,1 | % | | |
| | Copper (Cu) | [7440-50-8] | 0,022 | % | | |
| | Iron (Fe) | [7439-89-6] | 40,5 | % | | |
| | Manganese (Mn) | [7439-96-5] | 0,052 | % | | |
| | Molybdenum (Mo) | [7439-98-7] | 0,014 | % | | |
| | Nickel (Ni) | [7440-02-0] | 37,78 | % | | |
| | Niobium (Nb) | [7440-03-1] | 2,99 | % | | |
| | Phosphorus (P) | [7723-14-0] | <0,003 | % | | |
| | Silicon (Si) | [7440-21-3] | 0,097 | % | | |
| | Sulfur (S) | [7704-34-9] | 0,0025 | % | | |
| | Tantalum (Ta) | [7440-25-7] | 0,003 | % | | |
| | Titanium (Ti) | [7440-32-6] | 1,48 | % | | |
| | Vanadium (V) | [7440-62-2] | 0,077 | % | | |