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# Reference Material Nickel, Austenitic Nickel Iron chromium, Grade 2.4660, Alloy 20, UNS N08020, NiCr20CuMo, Disc approx.Ø 40 mm x 20 mm

| | |
|---|---|
| Art. ID | HRT-Ni2022 |
| Unit | disc |
| Deliverydetails | No Dangerous Good /not restricted |

## Description

This Reference Material is intended for use in spark atomic emission and x-ray spectrometric methods of analysis. The entire depth of the disc may be used.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---|---|---|---|---|---|---|
| | Carbon (C) | [7440-44-0] | 0,018 ± 0,002 | % | | |
| | Silicon (Si) | [7440-21-3] | 0,325 ± 0,008 | % | | |
| | Manganese (Mn) | [7439-96-5] | 0,985 ± 0,029 | % | | |
| | Phosphorus (P) | [7723-14-0] | 0,01 ± 0,001 | % | | |
| | Sulfur (S) | [7704-34-9] | 0,0026 ± 0,0007 | % | | |
| | Aluminium (Al) | [7429-90-5] | 0,008 ± 0,002 | % | | |
| | Chromium (Cr) | [7440-47-3] | 19,55 ± 0,15 | % | | |
| | Nickel (Ni) | [7440-02-0] | 32,9 ± 0,25 | % | | |
| | Molybdenum (Mo) | [7439-98-7] | 2,54 ± 0,05 | % | | |
| | Copper (Cu) | [7440-50-8] | 3,13 ± 0,1 | % | | |
| | Niobium (Nb) | [7440-03-1] | 0,288 ± 0,015 | % | | |
| | Vanadium (V) | [7440-62-2] | 0,0442 ± 0,0031 | % | | |
| | Tungsten (W) | [7440-33-7] | 0,06 ± 0,015 | % | | |
| | Iron (Fe) | [7439-89-6] | 39,99 ± 0,26 | % | | |
| | Titanium (Ti) | [7440-32-6] | 0,0072 ± 0,002 | % | | |
| | Cobalt (Co) | [7440-48-4] | 0,03 ± 0,003 | % | | |
| | Boron (B) | [7440-42-8] | 0,0019 ± 0,0005 | % | | |
| | Nitrogen (N) | [7727-37-9] | 0,0157 ± 0,0036 | | | |
| | Tin (Sn) | [7440-31-5] | 0,0029 ± 0,001 | | | |