

## **High Alloyed Steel, CRM, Disc 40 mm x 20 mm**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | HRT-FE2019-H                      |
| 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] | 1,54 ± 0,048        | %    |        |        |
|                  | Silicon (Si)      | [7440-21-3] | 0,51 ± 0,0253       | %    |        |        |
|                  | Manganese (Mn)    | [7439-96-5] | 0,39 ± 0,0117       | %    |        |        |
|                  | Phosphorus (P)    | [7723-14-0] | 0,025 ± 0,0021      | %    |        |        |
|                  | Sulfur (S)        | [7704-34-9] | 0,003 ± 0,0019      | %    |        |        |
|                  | Chromium (Cr)     | [7440-47-3] | 11,89 ± 0,1484      | %    |        |        |
|                  | Nickel (Ni)       | [7440-02-0] | 0,14 ± 0,0113       | %    |        |        |
|                  | Molybdenum (Mo)   | [7439-98-7] | 0,86 ± 0,0246       | %    |        |        |
|                  | Copper (Cu)       | [7440-50-8] | 0,08 ± 0,0054       | %    |        |        |
|                  | Aluminium (Al)    | [7429-90-5] | 0,015 ± 0,0026      | %    |        |        |
|                  | Vanadium (V)      | [7440-62-2] | 0,8 ± 0,0585        | %    |        |        |
|                  | Titanium (Ti)     | [7440-32-6] | 0,012 ± 0,0021      | %    |        |        |
|                  | Niobium (Nb)      | [7440-03-1] | 0,071 ± 0,0082      | %    |        |        |