

**Aluminium base, Grade EN AW-7022 AlZn5Mg3Cu, CRM, Disc approx. Ø 35 mm x 20 mm**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | HRT-AL2021                        |
| 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 |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
|                  | Silicon (Si)      | [7440-21-3] | 0,129 ± 0,019       | %    |        |        |
|                  | Iron (Fe)         | [7439-89-6] | 0,222 ± 0,014       | %    |        |        |
|                  | Copper (Cu)       | [7440-50-8] | 0,636 ± 0,034       | %    |        |        |
|                  | Manganese (Mn)    | [7439-96-5] | 0,153 ± 0,009       | %    |        |        |
|                  | Magnesium (Mg)    | [7439-95-4] | 2,74 ± 0,11         | %    |        |        |
|                  | Chromium (Cr)     | [7440-47-3] | 0,17 ± 0,009        | %    |        |        |
|                  | Zinc (Zn)         | [7440-66-6] | 4,36 ± 0,12         | %    |        |        |
|                  | Titanium (Ti)     | [7440-32-6] | 0,0318 ± 0,003      | %    |        |        |
|                  | Nickel (Ni)       | [7440-02-0] | 0,0045 ± 0,0013     | %    |        |        |
|                  | Lead (Pb)         | [7439-92-1] | 0,0155 ± 0,0047     | %    |        |        |
|                  | Vanadium (V)      | [7440-62-2] | 0,0096 ± 0,0014     | %    |        |        |
|                  | Bismuth (Bi)      | [7440-69-9] | 0,0015 ± 0,0004     | %    |        |        |
|                  | Gallium (Ga)      | [7440-55-3] | 0,0112 ± 0,0019     | %    |        |        |
|                  | Zirconium (Zr)    | [7440-67-7] | 0,0181 ± 0,0024     | %    |        |        |
|                  | Aluminium (Al)    | [7429-90-5] | 91,5 ± 0,2          | %    |        |        |