

**\*\*\*next batch available in 2024\*\*\* Aluminium base, CRM, AI 99, cylindrical disc ~60 mm x ~20 mm, Category B**

Art. ID SPE-1413-1  
Unit disc  
Deliverydetails No Dangerous Good /not restricted

Description

Certified Reference Materials which have been certified according to former methods. The accompanying certificates document the content of traceable elements, their respective uncertainty and homogeneity as well as the analytical uncertainty of measurement. Values vary from lot to lot - please ask for the certificate.

| Text/Information | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
|                  | Silicon (Si)      | [7440-21-3] | 0,1403              | %    |        |        |
|                  | Iron (Fe)         | [7439-89-6] | 0,352               | %    |        |        |
|                  | Copper (Cu)       | [7440-50-8] | 0,038               | %    |        |        |
|                  | Manganese (Mn)    | [7439-96-5] | 0,0168              | %    |        |        |
|                  | Magnesium (Mg)    | [7439-95-4] | 0,0306              | %    |        |        |
|                  | Chromium (Cr)     | [7440-47-3] | 0,0224              | %    |        |        |
|                  | Nickel (Ni)       | [7440-02-0] | 0,0211              | %    |        |        |
|                  | Zinc (Zn)         | [7440-66-6] | 0,0318              | %    |        |        |
|                  | Titanium (Ti)     | [7440-32-6] | 0,0285              | %    |        |        |
|                  | Boron (B)         | [7440-42-8] | 0,0011              | %    |        |        |
|                  | Beryllium (Be)    | [7440-41-7] | 0,0013              | %    |        |        |
|                  | Bismuth (Bi)      | [7440-69-9] | 0,0058              | %    |        |        |
|                  | Calcium (Ca)      | [7440-70-2] | 0,0013              | %    |        |        |
|                  | Cadmium (Cd)      | [7440-43-9] | 0,0016              | %    |        |        |
|                  | Cobalt (Co)       | [7440-48-4] | 0,0013              | %    |        |        |
|                  | Gallium (Ga)      | [7440-55-3] | 0,0204              | %    |        |        |
|                  | Lithium (Li)      | [7439-93-2] | 0,0013              | %    |        |        |
|                  | Sodium (Na)       | [7440-23-5] | 0,0018              | %    |        |        |
|                  | Phosphorus (P)    | [7723-14-0] | 0,0023              | %    |        |        |
|                  | Lead (Pb)         | [7439-92-1] | 0,0074              | %    |        |        |
|                  | Antimony (Sb)     | [7440-36-0] | 0,0029              | %    |        |        |
|                  | Tin (Sn)          | [7440-31-5] | 0,0049              | %    |        |        |
|                  | Strontium (Sr)    | [7440-24-6] | 0,0005              | %    |        |        |
|                  | Vanadium (V)      | [7440-62-2] | 0,0204              | %    |        |        |
|                  | Zirconium (Zr)    | [7440-67-7] | 0,003               | %    |        |        |