

**Certificat d'analyse**  
**Matériau de référence certifié**  
**Certificate of analysis**  
**Spectrochemical Standard**

**5052 DAK**

Certifié le / Certified:

| Élément     | Element        | Si      | Fe      | Cu      | Mn      | Mg     | Cr      | Ni       | Zn       |
|-------------|----------------|---------|---------|---------|---------|--------|---------|----------|----------|
| % (p/p)     | Weight % (w/w) | 0.090 N | 0.284 N | 0.041 N | 0.057 N | 2.40 N | 0.197 N | 0.0051 N | 0.0125 N |
| Incertitude | Uncertainty    |         |         |         |         |        |         |          |          |

| Élément     | Element        | Ti      | As | B        | Be       | Bi       | Ca       | Cd       | Co       |
|-------------|----------------|---------|----|----------|----------|----------|----------|----------|----------|
| % (p/p)     | Weight % (w/w) | 0.015 N |    | 0.0002 N | 0.0000 N | 0.0000 N | 0.0001 N | 0.0000 N | 0.0003 N |
| Incertitude | Uncertainty    |         |    |          |          |          |          |          |          |

| Élément     | Element        | Ga      | Hg | K | Li       | Mo | Na       | P        | Pb       |
|-------------|----------------|---------|----|---|----------|----|----------|----------|----------|
| % (p/p)     | Weight % (w/w) | 0.019 N |    |   | 0.0000 N |    | 0.0001 N | 0.0007 N | 0.0011 N |
| Incertitude | Uncertainty    |         |    |   |          |    |          |          |          |

| Élément     | Element        | Sb | Sn       | Sr       | V        | Zr       |
|-------------|----------------|----|----------|----------|----------|----------|
| % (p/p)     | Weight % (w/w) |    | 0.0005 N | 0.0000 N | 0.0125 N | 0.0023 N |
| Incertitude | Uncertainty    |    |          |          |          |          |

("i" valeur individuelle, "L" plus petite que, "N" valeur non certifiée)

("i" individual value, "L" less than, "N" value not certified)

Par la présente nous certifions les analyses ci-dessus  
 We hereby certify the above analysis

Hafida Hamouche