



**PRODUCT CODE: 766036**

**Arsenic standard solution As=1.000 g/l for ICP**  
(As<sub>2</sub>O<sub>3</sub> in HNO<sub>3</sub> 2-5%) for ICP

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The solution of the element at the concentration given about, is NIST standard traceable .

**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • D 20/4 1,02 • M.P.: -3 °C • B.P.: 101 °C •

**BIBLIOGRAPHY:**

**HAZARDOUS:** VLA-EC (HNO<sub>3</sub>) 4 ppm10 mg/m<sup>3</sup> VLA-ED (HNO<sub>3</sub>) 2 ppm5,2 mg/m<sup>3</sup>



H: H350 • H332 • H302 • H319 • H335 • H315 •

P: P201 • P202 • P261 • P264 • P270 • P271 • P280 • P281 • P301+P312 • P302+P352 • P304+P340 • P305+P351+P338 • P308+P313 • P312 • P321 • P330 • P332+P313 • P337+P313 • P362 • P403+P233 • P405 • P501 •

**TRANSPORT REGULATIONS:** UN: 1556 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 654 • CAO: 662 • (D/E) •

**WEIGHT/VOLUME INFORMATION:** 1l~1,02 kg 1kg~0,98 l

**OBSERVATIONS:** May be subject to export control •

**SPECIFICATIONS:**

Composition 1,32 g As<sub>2</sub>O<sub>3</sub> / l in HNO<sub>3</sub> 2-5%

|                       |                 |
|-----------------------|-----------------|
| Concentration (as As) | 0,990-1,010 g/l |
| Uncertainty           | See certificate |
| Traceability          | NIST            |
| Method of analysis    | ICP-OES         |

### **Maximum limit of impurities**

#### **Metals by ICP [in mg/Kg (ppm)]**

|    |       |
|----|-------|
| Ag | 0,044 |
| Al | 0,009 |
| Au | 0,003 |
| B  | 0,011 |
| Ba | 0,003 |
| Be | 0,003 |
| Bi | 0,003 |
| Ca | 0,013 |
| Cd | 0,002 |
| Ce | 0,002 |
| Co | 0,008 |
| Cr | 0,008 |
| Cs | 0,002 |
| Cu | 0,002 |
| Dy | 0,002 |
| Er | 0,002 |
| Eu | 0,002 |
| Fe | 0,004 |
| Ga | 0,003 |
| Gd | 0,002 |
| Ge | 0,003 |
| Hf | 0,002 |
| Hg | 0,002 |
| Ho | 0,002 |
| In | 0,002 |
| Ir | 0,002 |
| K  | 0,025 |
| La | 0,002 |
| Li | 0,003 |
| Lu | 0,002 |
| Mg | 0,012 |
| Mn | 0,002 |
| Mo | 0,003 |
| Na | 0,023 |
| Nb | 0,002 |
| Nd | 0,002 |
| Ni | 0,003 |
| Os | 0,002 |
| P  | 0,01  |
| Pb | 0,002 |
| Pd | 0,01  |
| Pr | 0,002 |
| Pt | 0,002 |
| Rb | 0,002 |
| Re | 0,002 |
| Rh | 0,002 |
| Ru | 0,002 |
| S  | 0,036 |
| Sb | 0,006 |
| Sc | 0,002 |

|    |       |
|----|-------|
| Se | 0,004 |
| Si | 0,004 |
| Sm | 0,002 |
| Sn | 0,003 |
| Sr | 0,002 |
| Ta | 0,002 |
| Tb | 0,002 |
| Te | 0,002 |
| Th | 0,004 |
| Ti | 0,002 |
| Tl | 0,008 |
| Tm | 0,002 |
| U  | 0,002 |
| V  | 0,002 |
| W  | 0,002 |
| Y  | 0,002 |
| Yb | 0,002 |
| Zn | 0,005 |
| Zr | 0,002 |