



**PRODUCT CODE: 765927**

**Rubidium standard solution Rb=1.000 g/l for ICP**  
(Rb<sub>2</sub>CO<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: H319 • H335 • H315 •  
P: P261 • P264 • P271 • P280 • P302+P352 • P501 • P304+P340 • P305+P351+P338 • P312 • P321 • P332+P313  
• P337+P313 • P362 • P403+P233 • P405 •

**TRANSPORT REGULATIONS:** UN: 1760 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 852 • CAO: 856 • (E) •

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

**SPECIFICATIONS:**

Composition 1,36 g Rb<sub>2</sub>CO<sub>3</sub> / l in HNO<sub>3</sub> 2-5%  
Concentration (as Rb)  
Uncertainty  
Traceability

0,990-1,010 g/l  
See certificate  
NIST

Method of analysis

ICP-OES

**Maximum limit of impurities**

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

Ag	0,002
Al	0,008
As	0,004
Au	0,003
B	0,006
Ba	0,015
Be	0,003
Bi	0,003
Ca	0,01
Cd	0,002
Ce	0,002
Co	0,002
Cr	0,002
Cs	0,477
Cu	0,002
Dy	0,002
Er	0,002
Eu	0,002
Fe	0,008
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	1,746
La	0,002
Li	0,029
Lu	0,002
Mg	0,009
Mn	0,002
Mo	0,003
Na	0,031
Nb	0,002
Nd	0,002
Ni	0,003
Os	0,002
P	0,004
Pb	0,006
Pd	0,009
Pr	0,002
Pt	0,002
Re	0,002
Rh	0,002
Ru	0,002
S	0,03
Sb	0,002
Sc	0,002
Se	0,002
Si	0,151
Sm	0,002

Sn	0,003
Sr	0,002
Ta	0,002
Tb	0,002
Te	0,002
Th	0,002
Ti	0,002
Tl	0,002
Tm	0,002
U	0,002
V	0,002
W	0,002
Y	0,002
Yb	0,002
Zn	0,005
Zr	0,002