



**PRODUCT CODE: 765898**

**Sulfur standard solution S=1.000 g/l for ICP**  
(H<sub>2</sub>SO<sub>4</sub> in H<sub>2</sub>O) for ICP

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CAS [7664-93-9] EINECS 231-639-5

TARIC 2807 00 00 00

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 • M.P.: 0 °C • B.P.: 100 °C •

**BIBLIOGRAPHY:**

**HAZARDOUS:** VLA-EC (H<sub>2</sub>SO<sub>4</sub>) 3 mg/m<sup>3</sup> VLA-ED (H<sub>2</sub>SO<sub>4</sub>) 1 mg/m<sup>3</sup>

**WEIGHT/VOLUME INFORMATION:** 1l~1,00 kg 1kg~1,00 l

**OBSERVATIONS:** Product controlled as a drug precursor. •

**SPECIFICATIONS:**

Composition	3,059 g H <sub>2</sub> SO <sub>4</sub> / l H <sub>2</sub> O
Concentration (as S)	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	0,001
Al	0,002

As	0,002
Au	0,001
B	0,008
Ba	0,001
Be	0,002
Bi	0,001
Ca	0,005
Cd	0,001
Ce	0,004
Co	0,001
Cr	0,001
Cs	0,004
Cu	0,001
Dy	0,004
Er	0,004
Eu	0,004
Fe	0,001
Ga	0,001
Gd	0,004
Ge	0,001
Hf	0,004
Hg	0,001
Ho	0,004
In	0,001
Ir	0,004
K	0,005
La	0,004
Li	0,002
Lu	0,004
Mg	0,005
Mn	0,001
Mo	0,002
Na	0,01
Nb	0,004
Nd	0,004
Ni	0,001
Os	0,004
P	0,003
Pb	0,001
Pd	0,011
Pr	0,004
Pt	0,001
Rb	0,004
Re	0,004
Rh	0,004
Ru	0,004
Sb	0,004
Sc	0,004
Se	0,001
Si	0,004
Sm	0,004
Sn	0,001
Sr	0,001
Ta	0,004
Tb	0,004
Te	0,004
Th	0,004
Ti	0,001
Tl	0,001

Tm	0,004
U	0,004
V	0,001
W	0,004
Y	0,004
Yb	0,004
Zn	0,004
Zr	0,001

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