



PRODUCT CODE: 765939

Wolfram standard solution W=1.000 g/l for ICP
(W in HF 5%) for ICP

TARIC 3822 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 1,02 • M.P.: 0 °C • B.P.: 100 °C •

BIBLIOGRAPHY:

HAZARDOUS: TDLo oral man 143 mg/kg • LC L0 man 50ppm / 30 min • LC50 rat 1610ppm / 1h • VLA-EC (W) 3 mg/m³ VLA-ED (W) 1 mg/m³



H: H331 • H311 • H301 • H314 •

P: P260 • P261 • P264 • P270 • P271 • P501 • P280 • P301+P310 • P301+P330+P331 • P302+P352 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P311 • P312 • P321 • P322 • P330 • P338 • P361 • P363 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2922 • ADR: 8(6.1)/II • IMDG: 8(6.1)/II • IATA: 8(6.1)/II • PAX: 851 • CAO: 855 • (E) •

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

SPECIFICATIONS:

Composition 1 g W / l in HF 5%

Concentration (as W)	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	0,002
Al	0,007
As	0,006
Au	0,002
B	0,005
Ba	0,003
Be	0,003
Bi	0,002
Ca	0,007
Cd	0,002
Ce	0,002
Co	0,006
Cr	0,011
Cs	0,002
Cu	0,003
Dy	0,002
Er	0,002
Eu	0,002
Fe	0,052
Ga	0,003
Gd	0,002
Ge	0,002
Hf	0,002
Hg	0,005
Ho	0,002
In	0,002
Ir	0,002
K	0,008
La	0,002
Li	0,003
Lu	0,002
Mg	0,006
Mn	0,002
Mo	0,022
Na	0,011
Nb	0,002
Nd	0,002
Ni	0,021
Os	0,002
P	0,004
Pb	0,002
Pd	0,008
Pr	0,002
Pt	0,002
Rb	0,002
Re	0,002
Rh	0,002
Ru	0,002
S	0,03
Sb	0,002

Sc	0,002
Se	0,002
Si	1,402
Sm	0,002
Sn	0,002
Sr	0,002
Ta	0,002
Tb	0,002
Te	0,002
Th	0,002
Ti	0,003
Tl	0,002
Tm	0,002
U	0,002
V	0,002
Y	0,002
Yb	0,002
Zn	0,005
Zr	0,002