



PRODUCT CODE: 766061

Gold standard solution Au=1.000 g/l for ICP
(Au in HCl 20%) for ICP

TARIC 2806 10 00 00

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

PHYSICAL DATA: liquid, Clear, Yellow, Miscible with water • D 20/4 1,09 • M.P.: -25 °C • B.P.: 107 °C •

BIBLIOGRAPHY:

HAZARDOUS: VLA-EC (HCl) 10 ppm 15 mg/m³ VLA-ED (HCl) 5 ppm 7,6 mg/m³



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~1,09 kg 1kg~0,92 l

OBSERVATIONS: Product controlled as a drug precursor. •

SPECIFICATIONS:

Composition 1 g Au / l in HCl 10-20%
Concentration (as Au)
Uncertainty

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

Traceability
Method of analysis

NIST
ICP-OES

Maximum limit of impurities

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

Ag	0,021
Al	0,008
As	0,007
B	0,006
Ba	0,002
Be	0,003
Bi	0,002
Ca	0,027
Cd	0,006
Ce	0,002
Co	0,006
Cr	0,006
Cs	0,002
Cu	0,021
Dy	0,002
Er	0,002
Eu	0,002
Fe	0,027
Ga	0,002
Gd	0,002
Ge	0,002
Hf	0,002
Hg	0,006
Ho	0,002
In	0,002
Ir	0,011
K	0,055
La	0,002
Li	0,004
Lu	0,002
Mg	0,025
Mn	0,006
Mo	0,007
Na	0,036
Nb	0,002
Nd	0,002
Ni	0,006
Os	0,006
P	0,013
Pb	0,011
Pd	0,018
Pr	0,002
Pt	0,012
Rb	0,002
Re	0,006
Rh	0,011
Ru	0,011
S	0,035
Sb	0,002
Sc	0,002
Se	0,002
Si	0,021

Sm	0,002
Sn	0,002
Sr	0,002
Ta	0,002
Tb	0,002
Te	0,002
Th	0,002
Ti	0,002
Tl	0,006
Tm	0,002
U	0,002
V	0,006
W	0,006
Y	0,002
Yb	0,002
Zn	0,009
Zr	0,006

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