



PRODUCT CODE: 766047

Tin standard solution Sn=1.000 g/l for ICP
(Sn 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, Colourless, Miscible with water • D 20/4 1,1 • 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: 1789 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,10 kg 1kg~0,91 l

OBSERVATIONS: Product controlled as a drug precursor. •

SPECIFICATIONS:

Composition 1 g Sn / l in HCl 10-20%
Concentration (as Sn)
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	0,003
Al	0,013
As	0,008
Au	0,007
B	0,002
Ba	0,01
Be	0,004
Bi	0,046
Ca	0,043
Cd	0,006
Ce	0,001
Co	0,006
Cr	0,006
Cs	0,001
Cu	0,011
Dy	0,001
Er	0,001
Eu	0,001
Fe	0,061
Ga	0,01
Gd	0,001
Ge	0,002
Hf	0,001
Hg	0,01
Ho	0,001
In	0,007
Ir	0,001
K	0,061
La	0,001
Li	0,006
Lu	0,001
Mg	0,016
Mn	0,006
Mo	0,006
Na	0,072
Nb	0,001
Nd	0,001
Ni	0,01
Os	0,001
P	0,013
Pb	0,051
Pd	0,001
Pr	0,001
Pt	0,012
Rb	0,001
Re	0,001
Rh	0,001
Ru	0,001
S	0,032
Sb	0,01
Sc	0,001
Se	0,005

Si	0,01
Sm	0,001
Sr	0,006
Ta	0,002
Tb	0,001
Te	0,002
Th	0,001
Ti	0,004
Tl	0,006
Tm	0,001
U	0,001
V	0,004
W	0,003
Y	0,001
Yb	0,001
Zn	0,022
Zr	0,006

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