



PRODUCT CODE: 766063

Lead standard solution Pb=1.000 g/l for ICP
(Pb in HNO₃ 2-5%) 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.: -3 °C • B.P.: 101 °C •

BIBLIOGRAPHY:

HAZARDOUS: VLA-EC (HNO₃) 4 ppm10 mg/m³ VLA-ED (HNO₃) 2 ppm5,2 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: 3264 • 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 g Pb / l in HNO₃ 2-5%
Concentration (as Pb)
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	0,051
Al	0,012
As	0,102
Au	0,002
B	0,006
Ba	0,006
Be	0,007
Bi	0,101
Ca	0,016
Cd	0,011
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	0,011
Ga	0,002
Gd	0,002
Ge	0,002
Hf	0,002
Hg	0,006
Ho	0,002
In	0,003
Ir	0,002
K	0,015
La	0,002
Li	0,004
Lu	0,002
Mg	0,015
Mn	0,006
Mo	0,007
Na	0,02
Nb	0,002
Nd	0,002
Ni	0,021
Os	0,002
P	0,013
Pd	0,009
Pr	0,002
Pt	0,002
Rb	0,002
Re	0,002
Rh	0,002
Ru	0,002
S	0,039
Sb	0,101
Sc	0,002
Se	0,003
Si	0,011
Sm	0,002

Sn	0,011
Sr	0,004
Ta	0,003
Tb	0,002
Te	0,003
Th	0,002
Ti	0,004
Tl	0,006
Tm	0,002
U	0,002
V	0,004
W	0,003
Y	0,002
Yb	0,002
Zn	0,014
Zr	0,006