PanReac AppliChem ITW Reagents

PRODUCT CODE: 766058

Zinc standard solution Zn=1.000 g/l for ICP

(Zn in HNO3 2-5%) for ICP

TARIC 3822 00 00 00

The solution of the element at the concentrationgiven 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 Zn / l in HNO3 2-5%
Concentration (as Zn)	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	0,003
As	0,002
Au	0,002
B	0,006
Ba	0,002
Be	0,003
Bi	0,002
Ca	0,008
Cd	0,021
Ce	0,002
Co	0,002
Cr	0,002
Cs	0,002
Cu	0,011
Dy	0,002
Er	0,002
Eu	0,002
Fe	0,052
Ga	0,002
Gd	0,002
Ge	0,002
Hf	0,002
Hg	0,002
Ho	0,002
In	0,002
Ir	0,002
K	0,006
La	0,002
Li	0,003
Lu	0,002
Mg	0,006
Mn	0,002
Mo	0,003
Na	0,012
Nb	0,002
Nd	0,002
Ni	0,002
Os	0,002
P	0,004
Pb	0,051
Pd	0,009
Pr	0,002
Pt	0,003
Rb	0,002
Re	0,002
Rh	0,002
Ru	0,002
S	0,031
Sb	0,002
Sc	0,002
Se	0,002
Si	0,002

Sm	0,002
Sn	0,011
Sr	0,002
Ta	0,002
Tb	0,002
Te	0,002
Th	0,002
Ti	0,002
Tl	0,002
Tm	0,002
U	0,002
V	0,002
W	0,002
Y	0,002
Yb	0,002
Zr	0,002