



PRODUCT CODE: 765930

Scandium standard solution Sc=1.000 g/l for ICP
(Sc₂O₃ 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: 1760 • 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 1,534 g Sc / l in HNO₃ 2-5%
Concentration (as Sc)
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	0,004
Al	0,005
As	0,003
Au	0,002
B	0,006
Ba	0,002
Be	0,003
Bi	0,002
Ca	0,036
Cd	0,002
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	0,002
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	0,011
Nb	0,002
Nd	0,002
Ni	0,002
Os	0,002
P	0,004
Pb	0,002
Pd	0,009
Pr	0,002
Pt	0,002
Rb	0,002
Re	0,002
Rh	0,002
Ru	0,002
S	0,03
Sb	0,002
Se	0,002
Si	0,002
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	0,002
Tm	0,002
U	0,002
V	0,002
W	0,002
Y	0,004
Yb	0,011
Zn	0,005
Zr	0,002