



PRODUCT CODE: 775950

Calcium standard solution Ca=10.00 g/l for ICP
(CaCO₃ 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 1,04 • 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~1,04 kg 1kg~0,96 l

SPECIFICATIONS:

Composition 25 g CaCO₃ / l in HNO₃ 2-5%
Concentration (as Ca)
Uncertainty
Traceability

9,90-10,10 g/l
See certificate
NIST

Method of analysis

ICP-OES

Maximum limit of impurities

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

Ag	0,026
Al	0,127
As	0,027
Au	0,026
B	0,055
Ba	5,001
Be	0,027
Bi	0,051
Cd	0,051
Ce	0,026
Co	0,051
Cr	0,051
Cs	2,501
Cu	0,051
Dy	0,026
Er	0,026
Eu	0,026
Fe	0,251
Ga	0,026
Gd	0,026
Ge	0,026
Hf	0,026
Hg	0,014
Ho	0,026
In	0,026
Ir	0,026
K	0,505
La	0,026
Li	0,077
Lu	0,026
Mg	5,005
Mn	0,051
Mo	0,052
Na	1,26
Nb	0,026
Nd	0,026
Ni	0,051
Os	0,026
P	0,078
Pb	0,051
Pd	0,033
Pr	0,026
Pt	0,026
Rb	2,501
Re	0,026
Rh	0,026
Ru	0,026
S	0,779
Sb	0,051
Sc	0,026
Se	0,051
Si	0,026
Sm	0,026

Sn	0,051
Sr	5,001
Ta	0,051
Tb	0,026
Te	0,026
Th	0,026
Ti	0,051
Tl	0,051
Tm	0,026
U	0,026
V	0,051
W	0,051
Y	0,026
Yb	0,026
Zn	0,129
Zr	0,051