



PRODUCT CODE: 766041

Cobalt standard solution Co=1.000 g/l for ICP
(Co 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, Pink, 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 Co / l in HNO₃ 2-5%
Concentration (as Co)
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	0,043
Al	0,006
As	0,003
Au	0,002
B	0,006
Ba	0,002
Be	0,003
Bi	0,002
Ca	0,007
Cd	0,001
Ce	0,002
Cr	0,002
Cs	0,002
Cu	0,004
Dy	0,002
Er	0,002
Eu	0,002
Fe	0,006
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	0,001
Mo	0,003
Na	0,011
Nb	0,002
Nd	0,002
Ni	0,321
Os	0,002
P	0,004
Pb	0,001
Pd	0,009
Pr	0,002
Pt	0,002
Rb	0,002
Re	0,002
Rh	0,002
Ru	0,002
S	0,031
Sb	0,002
Sc	0,002
Se	0,001
Si	0,004
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	0,002
Yb	0,002
Zn	0,005
Zr	0,002

Ed.: 5 . Vig.: 22.10.2015 .

Prod.: 766041