



PRODUCT CODE: 383255

Nitric Acid 65% for trace metal analysis (ppm)

HNO₃

HNO₃

M.= 63,01

CAS [7697-37-2]

EINECS 231-714-2

TARIC 2808 00 00 00

PHYSICAL DATA: liquid, Clear, Colourless, Thermal decom. above 121 °C • Miscible with water • D 20/4 1,395 • M.P.: -47 °C • B.P.: 121 °C • pH1 • Vap. press. (20 °C) 9,4 hPa •

BIBLIOGRAPHY: Merck Index **13**, 6.608 Sax **NED500** • Safety **2** , **2546 B** • Fieser **1733 3212 4356 5476** • ISO 6353/2-1983R - 19 , 26 •

HAZARDOUS: C.E: 007-004-00-1 • RTECS: QU 5775000 • LD L0 oral hmn 430 mg/kg • VLA-EC 1 ppm2,6 mg/m3



H: H314 • H272 • EUH071 •

P: P260 • P264 • P280 • P210 • P221 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P501 •

TRANSPORT REGULATIONS: UN: 2031 • ADR: 8(5.1)/II • IMDG: 8(5.1)/II • IATA: 8(5.1)/II • PAX: F • CAO: 855 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,395 kg 1kg~0,717 l

SPECIFICATIONS:

Assay (Acidim.)

62-65 %

Maximum limit of impurities

Residue on ignition (as SO ₄)	0,0002 %
Chloride (Cl)	0,00005%
Phosphate (PO ₄)	0,000001 %
Sulfate (SO ₄)	0,00002%

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

Ag	0,001
Al	0,02
As	0,001
Au	0,005
Ba	0,005
Be	0,001
Bi	0,005
Ca	0,1
Cd	0,001
Co	0,001
Cr	0,02
Cu	0,005
Fe	0,1
Ga	0,005
Ge	0,005
Hg	0,002
In	0,002
K	0,05
Li	0,001
Mg	0,02
Mn	0,002
Mo	0,001
Na	0,3
Ni	0,01
Pb	0,005
Sn	0,02
Sr	0,001
Ti	0,001
Tl	0,001
V	0,001
Zn	0,01
Zr	0,001