



PRODUCT CODE: 131702

Sodium Nitrate (Reag. Ph. Eur.) for analysis, ACS, ISO



M.= 84,99

CAS [7631-99-4]

EINECS 231-554-3

TARIC 3102 50 00 90

PHYSICAL DATA: crystals, White, Soluble in water 880 g/l at 20 °C Thermal decom. above 380 °C • D 2,26 • M.P.: 309 °C • pH(50g/l)6,6 •

BIBLIOGRAPHY: Merck Index **12**, 8.792 13, 8.720 Sax **SIQ000** • Safety **2**, **3147 D** • Römp **8**, **2740** • Kühn-Birett **N 16** • ACS **XI** • ISO 6353/3-1987R - 90, 67 • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: WC 5600000 • LD L0 oral hmn 114 mg/kg • LD50 oral rat 3.236 mg/kg •



H: H272 •

P: P210 • P220 • P221 • P280 • P370+P378 •

TRANSPORT REGULATIONS: UN: 1498 • ADR: 5.1/III • IMDG: 5.1/III • IATA: 5.1/III • PAX: 559 • CAO: 563 • (E) •

SPECIFICATIONS:

Minimum assay	99,0%
pH of 5% solution	5,5-8,0

Maximum limit of impurities

Insoluble matter in H2O	0,003 %
Chloride (Cl)	0,001%
Ammonium (NH4)	0,001%
Phosphate (PO4)	0,0005 %
Sulfate (SO4)	0,002%
Iodate (IO3)	0,0005%
Nitrite (NO2)	0,001%
Heavy Metals (ICP-OES)	0,0005%
As	0,00004 %
Ca	0,005 %
Cd	0,0002 %
Co	0,0002 %
Cu	0,0002 %
Fe	0,0002 %
K	0,005 %
Mg	0,001 %
Mn	0,0002 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %