



PRODUCT CODE: 131487

Potassium Bromate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

BrKO₃

KBrO₃

M.= 167,01

CAS [7758-01-2]

EINECS 231-829-8

TARIC 2829 90 40 00

PHYSICAL DATA: Small crystals, White, Soluble in water 70 g/l at 20 °C Thermal decom. above 430 °C • D 3,27 • M.P.: 434 °C • pH(50g/l) 5 - 9 •

BIBLIOGRAPHY: Merck Index **12**, 7.779 13, 7.700 Sax **BMO500** • Safety **2**, **2896 A** • Römp **8**, **2013** • Kühn-Birett **K 4** • Fieser **11431** • ACS **XI** • ISO 6353/3-1987R - 75, 45 • F.C.C **12 13** •

HAZARDOUS: C.E: 035-003-00-6 • RTECS: EF 8725000 • LD50 oral rat 321 mg/kg • LD50 ipr mus 177 mg/kg



H: H350 • H271 • H301 •

P: P201 • P202 • P210 • P220 • P221 • P501 • P264 • P270 • P280 • P281 • P283 • P301+P310 • P306+P360 • P308+P313 • P321 • P330 • P370+P378 • P371+P380+P375 • P405 •

TRANSPORT REGULATIONS: UN: 1484 • ADR: 5.1/II • IMDG: 5.1/II • IATA: 5.1/II • PAX: 558 • CAO: 562 • (E) •

SPECIFICATIONS:

Minimum assay (Iodom.) (a.d.s.)	99,8%
pH of 5% solution	5,0-9,0

Maximum limit of impurities

Insoluble matter in H ₂ O	0,003 %
Loss on drying at 150°C	0,1%
Nitrogen compounds (as N)	0,001%

Bromide (Br)	0,02%
Sulfate (SO4)	0,005%
Heavy Metals (ICP-OES)	0,0005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,001 %
Mn	0,0005 %
Na	0,01 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %