

**PRODUCT CODE: 241487****Potassium Bromate standard for volumetry, ACS, ISO**

Primary Chemical Matter

BrK₃OKBrO₃

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 **BMO**500 • Safety **2** , **2896 A** • Römp **8** , **2013** • Kühn-Birett
K 4 • Fieser **11**431 • ACS **XI** • ISO 6353/3-1987R - 75 , 45 • F.C.C **10 11** •

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)
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SPECIFICATIONS:

Uncertainty
Traceability
Assay (Iodom.) (after drying at 130°C)

See certificate
NIST
99,95-100,05%

pH of 5% solution	5,0-9,0
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Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Nitrogen compounds (as N)	0,001%
Bromide (Br)	0,02%
Sulfate (SO ₄)	0,005%
Heavy metals (as Pb)	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	%