

**PRODUCT CODE: 131489****Potassium Bromide for analysis, ACS**

BrK
KBr

M.= 119,01

CAS [7758-02-3]

EINECS 231-830-3

TARIC 2827 51 00 00

PHYSICAL DATA: powder, crystals, White, Soluble in water 650 g/l at 20 °C D 2,75 • M.P.: 730 °C • B.P.: 1.380 °C • pH(5% solution)5,5 - 8,5 •

BIBLIOGRAPHY: Merck Index **12**, 7.780 13, 7.701 Sax **PKY500** • Safety **2** , **2896 B** • Römp **8** , **2013** • Kühn-Birett **K 37** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **9.0** •

HAZARDOUS: RTECS: TS 7650000 •

SPECIFICATIONS:

Minimum assay (Arg.)	99,5%
pH of 5% solution	5,5-8,5

Maximum limit of impurities

Insoluble matter in H2O	0,003 %
Loss on drying at 130°C	0,2%
Chloride (Cl)	0,1%
Nitrogen compounds (as N)	0,001%
Sulfate (SO4)	0,005%
Iodide (I)	0,001%
Bromate (BrO3)	0,001%
Iodate (IO3)	0,001%
Heavy Metals (ICP-OES)	0,0005 %

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

Al	5
Au	5
Ba	20
Be	5
Bi	5
Ca	10
Cd	5
Co	5
Cr	5
Cu	5
Fe	3
Ga	5
Ge	5
In	5
Mg	5
Mn	5
Mo	5
Na	200
Ni	5
Pb	5
Sb	5
Se	5
Si	5
Sn	5
Sr	5
Ti	5
V	5
Zn	5
Zr	5