Ed.: 5 . Vig.: 30.09.2013 . Prod.: 141489

PanReac AppliChem ITW Reagents

PRODUCT CODE: 141489

Potassium Bromide (BP, USP, Ph. Eur.) pure, pharma grade

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 **PKY**500 • 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:

Assay (Arg.) calc. a.d.s.	98,5-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test
Maximum limit of impurities	
Appearance of solution	passes test
Acidity or alkalinity	passes test
Insoluble matter in H2O	0,01 %
Loss on drying at 105°C	1,0%
Chloride (Cl)	0,5%
Sulfate (SO4)	0,01%
Iodide	passes test
Magnesium and other alkaline-earth metals (as Ca)	0,02 %
Residual solvents (Ph.Eur.)	passes test
Bromate	passes test

Heavy metals (as Pb)	0,001%
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	**10 ppm**
Class 1B (Ir, Rh, Ru, Os)	**10 ppm**
Class 1C (Mo, Ni, Cr, V)	**25 ppm**
Class 2 (Cu, Mn)	**250 ppm**
Class 3 (Zn)	**1.300 ppm**
Ba	passes test
Fe	0,002 %