

**PRODUCT CODE: 141646****Sodium Bromide (BP, Ph. Eur.) pure, pharma grade**

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BrNa  
NaBr

M.= 102,90

CAS [7647-15-6]

EINECS 231-599-9

TARIC 2827 51 00 00

**PHYSICAL DATA:** crystals, crystalline powder, White, Soluble in water 1.160 g/l at 50 °C Soluble in ethanol 96%  
Hygroscopic • D 3,21 • M.P.: 755 °C • B.P.: 1.390 °C • pH(50 g/l)5,4 •

**BIBLIOGRAPHY:** Merck Index **12**, 8.737 13, 8.666 Sax **SFG500** • Safety **2** , **3134 B** • Römp **8** , **2729** • Kühn-Birett  
**N 49** • Fieser **12445 1346** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

**HAZARDOUS:** RTECS: VZ 3150000 • TDLo oral rat 47.520 mg/kg • LD Lo oral rbt 580 mg/kg • LD50 oral mus  
7.000 mg/kg • LD50 oral rat 3.500 mg/kg • LD50 ipr mus 5.000 mg/kg

**SPECIFICATIONS:**

Assay (Arg.) calc. a.d.s.	98,5-100,5 %
Identity :	
Identity according to Pharmacopoeias:	passes test
pH of 5% solution	5,0-8,8

**Maximum limit of impurities**

Appearance of solution	passes test
Acidity or alkalinity	passes test
Insoluble matter in H2O	0,025 %
Loss on drying at 105°C	3,0%
Chloride (Cl)	0,3%
Nitrogen compounds (as N)	0,01%
Sulfate (SO4)	0,01%

Iodide (I)	passes test
Residual solvents (Ph.Eur.)	passes test
Magnesium and alkaline-earth metals (as Ca)	0,02%
Bromate (BrO <sub>3</sub> )	passes test
Heavy metals (as Pb)	0,001%
<b>Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)</b>	
<b>Class 1A (Pt, Pd)</b>	<b>10 ppm</b>
<b>Class 1B (Ir, Rh, Ru, Os)</b>	<b>10 ppm</b>
<b>Class 1C (Mo, Ni, Cr, V)</b>	<b>25 ppm</b>
<b>Class 2 (Cu, Mn)</b>	<b>250 ppm</b>
<b>Class 3 (Zn)</b>	<b>1.300 ppm</b>
As	0,0002 %
Ba	passes test
Ca	0,005 %
Fe	0,001 %
Mg	0,005 %