

Identification

NaBr
M = 102,90 g/mol
CAS [7647-15-6]
EC number: 231-599-9
Taric code: 2827 51 00

Synonyms

Bromo sodium

Applications

laboratory reagent, photography, in pharma industry.

Specifications

assay (argentometric, on dried sample).....	98,5 - 100,5 %	chlorides (Cl).....	max. 0,6 %
identification.....	passes test	iodides (I).....	passes test
appearance of solution.....	clear and colourless	sulfates (SO ₄).....	max. 0,01%
acidity or alkalinity.....	passes test	iron (Fe).....	max. 20 ppm
bromates (BrO ₃).....	passes test	magnesium and alkaline-earth metals (as Ca)...	max. 200 ppm
		loss on drying (105 °C).....	max. 3,0 %

Physical data

- Appearance: crystals, white
- Spec. Density: 3,20 g/cm³
- Bulk density: ~ 1400 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 755 °C
- Boiling point: 1393 °C
- Vapour pressure: (806 °C) 1,3 hPa
- pH(50 g/l H₂O, 20 °C) ~ 5,4
- Hygroscopic