

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.

Specifications

assay (argentometric).....	min. 99 %	arsenic (As).....	max. 2 ppm
insoluble in water.....	max. 0,005 %	barium (Ba).....	max. 0,002 %
pH (5 %, H ₂ O).....	5,0 - 8,8	calcium (Ca).....	max. 0,002 %
bromates (BrO ₃).....	max. 0,001 %	copper (Cu).....	max. 5 ppm
chlorides (Cl).....	max. 0,2 %	heavy metals (as Pb).....	max. 5 ppm
iodides (I).....	max. 0,001 %	iron (Fe).....	max. 3 ppm
sulfates (SO ₄).....	max. 0,002 %	lead (Pb).....	max. 5 ppm
total nitrogen (as N).....	max. 0,0005 %	magnesium (Mg).....	max. 0,001 %
aluminium (Al).....	max. 0,05 ppm	nickel (Ni).....	max. 5 ppm
		potassium (K).....	max. 0,1 %

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

Transport/storage

- 10°C - 30°C