

Identification

NH₄Br
M = 97,94 g/mol
CAS [12124-97-9]
EC number: 235-183-8
Taric code: 2827 59 00

Applications

analytical chemistry, photography, in pharma industry.

Specifications

assay (argentometric, on dried sample)	98,5 - 101,0 %	iodides (I).....	passes test
identification.....	passes test	sulfates (SO ₄).....	max. 0,01%
acidity or alkalinity.....	passes test	iron (Fe).....	max. 20 ppm
appearance of solution.....	clear and colourless	magnesium and alkaline-earth metals, (as Ca).....	max. 200 ppm
bromates (BrO ₃).....	passes test	residue on ignition.....	max. 0,1 %
chlorides (Cl).....	max. 0,6 %	loss on drying (105 °C).....	max. 1,0 %

Physical data

- Spec. Density: 2,43 g/cm³
- Bulk density: ~ 1100 kg/m³
- Solub. in water: (20 °C): 598 g/l
- Melting point: 542 °C
- pH(50 g/l H₂O, 25 °C) 4,8
- Hygroscopic

Transport/storage

- 15°C - 25°C