

Identification

NH₄I
M = 144,94 g/mol
CAS [12027-06-4]
EC number: 234-717-7
Taric code: 2827 60 00

Applications

analytical chemistry, laboratory reagent, photography.

Specifications

assay (argentometric).....	min. 99 %	thiosulfates (S ₂ O ₃).....	max. 0,01 %
insoluble in water.....	max. 0,005 %	arsenic (As).....	max. 0,0005 %
pH (5 %, H ₂ O).....	4,5 - 6,5	heavy metals (as Pb).....	max. 0,001 %
chlorides and bromides (as Cl).....	max. 0,02 %	iron (Fe).....	max. 0,001 %
iodates (IO ₃).....	max. 0,01 %	residue on ignition.....	max. 0,1 %
sulfates (SO ₄).....	max. 0,01 %	loss on drying (105 °C).....	max. 1 %

Physical data

- Spec. Density: 2,52 g/cm³
- Bulk density: ~ 900 - 1000 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 405 °C
- pH(50 g/l H₂O, 20 °C) 4,5 - 6,5

Transport/storage

- 10°C - 30°C