

Identification

KI
M = 166,01 g/mol
CAS [7681-11-0]
EC number: 231-659-4
Taric code: 2827 60 00

Synonyms

Knollide






Applications

analytical chemistry, laboratory reagent, emulsifier (photography), in pharma industry.

Specifications

assay (argentometric, on dried sample).....	99,0 - 101,5 %	nitrate, nitrite and ammonia.....	passes test
identification.....	passes test	barium (Ba).....	max. 0,002 %
appearance of solution.....	clear and colourless	heavy metals (as Pb).....	max. 0,001 %
alkalinity.....	passes test	iron (Fe).....	max. 0,002 %
iodates (IO ₃).....	passes test	loss on drying (105 °C, 3 h).....	max. 1 %
sulfates (SO ₄).....	max. 0,015 %	Residual solvents are analysed	
thiosulfates (S ₂ O ₃).....	passes test	according to guideline	
		CPMP/ICH/283/95.	

Packaging**Packaging Code**

100 g  PO04110100
250 g  PO04110250
500 g  PO04110500
1 kg  PO04111000
5 kg  PO0411005P

Physical data

- Appearance: crystals, white or almost white
- Spec. Density: 3,13 g/cm³
- Bulk density: ~ 1500 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 686 °C
- Boiling point: 1330 °C
- Vapour pressure: (745 °C) 1,3 hPa
- pH(50 g/l H₂O, 20 °C) ~ 6,9
- Hygroscopic

Toxicological data

- LD 50 (oral, rat): 2779 mg/kg
- WGK: 1
- Poison class CH (Swiss): 4