

## Identification

KBr

M = 119,01 g/mol

CAS [7758-02-3]

EC number: 231-830-3

Taric code: 2827 51 00

## Applications

analytical chemistry, laboratory reagent, photography.

## Specifications

assay (argentometric) .....	min. 99,5 %	arsenic (As).....	max. 1 ppm
identity.....	passes test	barium (Ba).....	max. 0,002 %
appearance of solution.....	passes test	cadmium (Cd).....	max. 5 ppm
insoluble in water.....	max. 0,005 %	calcium (Ca).....	max. 0,001 %
pH (5 %, H <sub>2</sub> O).....	5,0 - 8,8	copper (Cu).....	max. 5 ppm
acidity or alkalinity.....	passes test	heavy metals (as Pb).....	max. 5 ppm
bromates (BrO <sub>3</sub> ).....	max. 0,001 %	iron (Fe).....	max. 5 ppm
chlorides (Cl).....	max. 0,1 %	lead (Pb).....	max. 5 ppm
iodates (IO <sub>3</sub> ).....	max. 0,001 %	magnesium (Mg).....	max. 0,001 %
iodides (I).....	max. 0,001 %	sodium (Na).....	max. 0,02 %
sulfates (SO <sub>4</sub> ).....	max. 0,005 %	zinc (Zn).....	max. 5 ppm
total nitrogen (as N).....	max. 0,001 %	loss on drying (105 °C).....	max. 0,5 %

## Physical data

- Appearance: crystals, colourless or white
- Spec. Density: 2,75 g/cm<sup>3</sup>
- Bulk density: ~ 900 - 1000 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 540 g/l
- Melting point: 730 °C
- Boiling point: 1380 °C
- Vapour pressure: (795 °C) 1,3 hPa
- pH(50 g/l H<sub>2</sub>O, 20 °C) 5,5 - 8,5
- Hygroscopic

## Safety - GHS

### Hazard Statements:

H319: Causes serious eye irritation.



### Precautionary Statements:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor / physician.

## Toxicological data

- LD 50 (oral, rat): 3070 mg/kg
- WGK: 1
- Poison class CH (Swiss): 3