

Potassium iodide, Hi-AR™/ACS

GRM10692


Product Identifier

| | | |
|-------------------|---|------------|
| CAS No. | : | 7681-11-0 |
| EC No. | : | 231-659-4 |
| Molecular Formula | : | KI |
| Molecular Weight | : | 166.00 |
| HS Code | : | 2827 60 10 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|--------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------|
| Appearance | : | Colourless to off-white deliquescent crystals or powder or granules or solid, may becomes yellow when exposed to light and humidity |
| Solubility | : | 1000 mg soluble in 1 mL of water |
| pH (5% in water at 25°C) | : | 6.00 - 9.20 |
| Chloride & Bromide (as Cl) | : | <= 0.01% |
| Iron (Fe) | : | <= 0.0003% |
| Sulfate (SO ₄) | : | <= 0.005% |
| Iodate (IO ₃) | : | <= 0.0003% |
| Phosphate (PO ₄) | : | <= 0.001% |
| Magnesium (Mg) | : | <= 0.001% |
| Calcium (Ca) | : | <= 0.002% |
| Heavy metals (as Pb) | : | <= 0.0005% |
| Sodium (Na) | : | <= 0.005% |
| Barium (Ba) | : | <= 0.002% |
| Insoluble matter | : | <= 0.005% |
| Loss on drying (at 150°C, 6 hr) | : | <= 0.2% |
| Assay (KIO ₃ Titration, on dry basis) | : | 99.00 - 102.00% |

Safety Information

| | | |
|----------------------------|---|-------------------------------------------------------------------------------------|
| Hazard Pictogram(s) | : |  |
| Signal Word | : | Danger |
| Hazard Statement(s) | : | H372 |
| Precautionary Statement(s) | : | P260- P264- P270- P314- P501 |
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | TT2975000 |
| WGK | : | 1 |