### Product Information

**Product Number**
- GRM10692

**Packing**
- 1KG
- 250G

### Product Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>GRM10692</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Potassium Iodide, Hi-AR™/ACS</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>KI</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>166.00</td>
</tr>
<tr>
<td>CAS No.</td>
<td>7681-11-0</td>
</tr>
<tr>
<td>EC No.</td>
<td>231-659-4</td>
</tr>
<tr>
<td>HS Code</td>
<td>2827 60 00</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

### Technical Specification

- **Appearance**: White to off-white crystals or powder or granules, may becomes yellow when exposed to light and humidity
- **Solubility**: 100 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 (SO₄)**: <= 0.005%
- **Iodate (IO₃)**: <= 0.0003%
- **Phosphate (PO₄)**: <= 0.001%
- **Magnesium (Mg)**: <= 0.001%
- **Calcium (Ca)**: <= 0.002%
- **Heavy metals (as Pb)**: <= 0.0005%
- **Sodium (Na)**: <= 0.005%
- **Barium (Ba)**: <= 0.002%
- **Water insoluble matter**: <= 0.005%
- **Loss on drying (at 150°C; 6hr)**: <= 0.20%
- **Assay (KIO₃ Titration, on dry basis)**: 99.00 - 101.00%

### GHS Safety Information

- **Hazard Statement(s)**: H302-H315-H319
- **Precautionary Statement(s)**: P305+ P351+P338
- **Signal Word**: Warning

### Risk and Safety Information

- **R-Phrase(s)**: 22-36/38
**Product Information**

- **S-Phrase(s):** 26
- **WGK:** 1
- **RTECS:** TT2975000
- **Storage Temperature(°C):** Store below 30°C
- **Hazard Symbol(s):** ![Xn]

**Transport Information**

- **Marine Pollutant:** No
- **ADR/RID:** Not Dangerous Goods
- **IMDG:** Not Dangerous Goods
- **IATA:** Not Dangerous Goods