GRM1177  Potassium periodate, Hi-AR™/ACS

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**Product Information**

- **Product Code**: GRM1177
- **Product Name**: Potassium periodate, Hi-AR™/ACS
- **Synonym**: Potassium (meta)periodate
- **Molecular Formula**: KIO₄
- **Molecular Weight**: 230.00
- **CAS No.**: 7790-21-8
- **EC No.**: 232-196-0
- **HS Code**: 2829 90 80
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White crystals or powder
- **Solubility**: 0.42 g soluble in 100 mL of water
- **pH (0.5% in water at 25°C)**: 4.90 - 5.30
- **Bromate, bromide, chlorate**: <= 0.01%
- **Chloride (Cl)**: <= 0.01%
- **Iodide (I)**: <= 0.001%
- **Loss on drying (at 110°C, 1hr)**: <= 0.1%
- **Manganese (Mn)**: <= 0.00015%
- **Sulphate (SO₄)²⁻**: <= 0.01%
- **Assay (Na₂S₂O₃ Titration)**: 99.80 - 100.30%

**GHS Safety Information**

- **Hazard Statement(s)**: H272-H315-H319-H335
- **Precautionary Statement(s)**: P220-P261-P305+P351+P338
- **Signal Word**: Danger
- **Hazard Pictogram(s)**

**Risk and Safety Information**

- **R-Phrase(s)**: 8-36/37/38
- **S-Phrase(s)**: 17-26-36
- **WGK**: 3
- **Storage Temperature(°C)**: Store below 30°C
- **Hazard Symbol(s)**

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The information contained herein is believed to be accurate and complete. However no warranty or guarantee whatsoever is made or is to be implied with respect to such Information or with respect to any product, method or apparatus referred to herein.
### Transport Information

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