

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*



<b>Catalogue Number</b>	30232
<b>Product</b>	<b>Potassium bromate</b>
<b>CAS Number</b>	7758-01-2
<b>Molecular Formula</b>	KBrO <sub>3</sub>
<b>Molecular Weight</b>	167

---

<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	6.9 g in 100 mL water at 20 °C.
<b>Melting Point</b>	434 °C (Approx.); begins to decompose at 370 °C.
<b>Heavy Metals</b>	≤ 5 ppm (as Pb)
<b>Anion</b>	Bromide (Br <sup>-</sup> ) : To pass test Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.005%
<b>Cation</b>	Iron (Fe) : ≤ 0.002% Sodium (Na) : ≤ 0.01%
<b>pH</b>	5 - 9 (5% solution at 25 °C)
<b>Insoluble material</b>	≤ 0.005%
<b>Assay by titration</b>	≥ 99.8%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

**For Laboratory Use Only**