

# 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>	30185
<b>Product</b>	<b>Lead(IV) oxide</b> Lead dioxide Lead peroxide
<b>CAS Number</b>	1309-60-0
<b>Molecular Formula</b>	PbO <sub>2</sub>
<b>Molecular Weight</b>	239.2
<hr/>	
<b>Appearance</b>	Dark brown amorphous powder
<b>Solubility</b>	Insoluble in water
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : ≤ 0.002% Nitrate (NO <sub>3</sub> <sup>-</sup> ) : ≤ 0.02% Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.05% Carbon compounds (as C) : ≤ 0.04%
<b>Cation</b>	Manganese (Mn) : ≤ 5 ppm Calcium (Ca) : ≤ 0.02% Copper (Cu) : ≤ 0.05% Potassium (K) : ≤ 0.05% Sodium (Na) : ≤ 0.1%
<b>Insoluble</b>	≤ 0.2% acid-insoluble matter
<b>Assay by titration</b>	≥ 97.0%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

**For Laboratory Use Only**