

# 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

# ZnO

|                          |                   |
|--------------------------|-------------------|
| <b>Catalogue Number</b>  | 30183             |
| <b>Product</b>           | <b>Zinc oxide</b> |
| <b>CAS Number</b>        | 1314-13-2         |
| <b>Molecular Formula</b> | ZnO               |
| <b>Molecular Weight</b>  | 81.41             |

---

|                           |                                                                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>         | White powder                                                                                                                                                                         |
| <b>Solubility</b>         | Practically insoluble in water.                                                                                                                                                      |
| <b>Anion</b>              | Chloride (Cl <sup>-</sup> ) : ≤ 0.001%<br>Nitrate (NO <sub>3</sub> <sup>-</sup> ) : ≤ 0.003%<br>Sulfur compounds (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.01%                          |
| <b>Cation</b>             | Calcium (Ca) : ≤ 0.005%<br>Iron (Fe) : ≤ 0.001%<br>Lead (Pb) : ≤ 0.005%<br>Magnesium (Mg) : ≤ 0.005%<br>Manganese (Mn) : ≤ 5 ppm<br>Potassium (K) : ≤ 0.01%<br>Sodium (Na) : ≤ 0.05% |
| <b>Alkalinity</b>         | To pass test                                                                                                                                                                         |
| <b>Insoluble</b>          | ≤ 0.01% (in dilute sulfuric acid)                                                                                                                                                    |
| <b>Assay by titration</b> | ≥ 99%                                                                                                                                                                                |
| <b>Grade</b>              | ACS reagent                                                                                                                                                                          |
| <b>Storage</b>            | Store at RT                                                                                                                                                                          |

**For Laboratory Use Only**