

# *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*

# KNO<sub>2</sub>

|                          |                          |
|--------------------------|--------------------------|
| <b>Catalogue Number</b>  | 32019                    |
| <b>Product</b>           | <b>Potassium nitrite</b> |
| <b>CAS Number</b>        | 7758-09-0                |
| <b>Molecular Formula</b> | KNO <sub>2</sub>         |
| <b>Molecular Weight</b>  | 85.1                     |

---

|                           |  |
|---------------------------|--|
| <b>Appearance</b>         | White or slightly yellow solid   |
| <b>Solubility</b>         | Soluble (300 g in 100 mL at 20 °C)   |
| <b>Heavy Metals</b>       | ≤ 0.001% (as Pb)   |
| <b>Anion</b>              | Chloride (Cl <sup>-</sup> ) : ≤ 0.03%<br>Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.01%          |
| <b>Cation</b>             | Iron (Fe) : ≤ 0.001%<br>Calcium (Ca) : ≤ 0.005%<br>Sodium (Na) : ≤ 0.5%<br>Magnesium (Mg) : ≤ 0.002% |
| <b>Insoluble material</b> | ≤ 0.01%  |
| <b>Assay by titration</b> | ≥ 96%  |
| <b>Grade</b>              | ACS Reagent  |
| <b>Storage</b>            | Store at 2 - 8 °C  |

**For Laboratory Use Only**