

# Chem-Impex International, Inc.

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## Product Specifications



|                          |                          |
|--------------------------|--------------------------|
| <b>Catalogue Number</b>  | 01229                    |
| <b>Product</b>           | <b>Calcium hydroxide</b> |
| <b>CAS Number</b>        | 1305-62-0                |
| <b>Molecular Formula</b> | Ca(OH) <sub>2</sub>      |
| <b>Molecular Weight</b>  | 74.09                    |

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|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>         | White powder                                                                                                              |
| <b>Solubility</b>         | Slightly soluble in water                                                                                                 |
| <b>Heavy Metals</b>       | ≤ 0.003% (as Pb)                                                                                                          |
| <b>Anion</b>              | Chloride (Cl <sup>-</sup> ): ≤ 0.03%<br>Sulfur compounds (as SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.1%                      |
| <b>Cation</b>             | Magnesium (Mg): ≤ 0.5%<br>Sodium (Na): ≤ 0.05%<br>Potassium (K): ≤ 0.05%<br>Iron (Fe): ≤ 0.05%<br>Strontium (Sr): ≤ 0.05% |
| <b>Insoluble</b>          | ≤ 0.03% (in HCl)                                                                                                          |
| <b>Assay</b>              | CaCO <sub>3</sub> : ≤ 3.0%                                                                                                |
| <b>Assay by titration</b> | ≥ 95.0%                                                                                                                   |
| <b>Grade</b>              | ACS reagent                                                                                                               |
| <b>Application</b>        | Absorbant for carbon dioxide.                                                                                             |
| <b>Storage</b>            | Store at RT                                                                                                               |

**For Laboratory Use Only**