

# *Chem-Impex International, Inc.*

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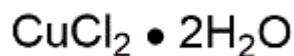
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



|                           |  |
|---------------------------|--|
| <b>Catalogue Number</b>   | 37020  |
| <b>Product</b>            | <b>Copper(II) chloride dihydrate</b><br>Cupric chloride dihydrate  |
| <b>CAS Number</b>         | 10125-13-0   |
| <b>Molecular Formula</b>  | CuCl <sub>2</sub> •2H <sub>2</sub> O   |
| <b>Molecular Weight</b>   | 170.5  |
| <hr/>                     |  |
| <b>Appearance</b>         | Bluish green crystalline powder  |
| <b>Anion</b>              | Sulphate (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.005%   |
| <b>Cation</b>             | Iron (Fe) : ≤ 0.005%,<br>Nickel (Ni) : ≤ 0.01%<br>Calcium (Ca) : ≤ 0.005%,<br>Sodium (Na) : ≤ 0.02%<br>Potassium (K) : ≤ 0.01% |
| <b>Loss on Drying</b>     | 20.9 - 21.4%   |
| <b>Identification</b>     | Test for Chloride : To pass test<br>Test for Copper : To pass test   |
| <b>Insoluble material</b> | ≤ 0.01%  |
| <b>Assay by titration</b> | 99.0 - 100.5% (Complexometry, dried basis)   |
| <b>Grade</b>              | Meets USP specifications   |
| <b>Storage</b>            | Store at RT  |

**For Laboratory Use Only**