

# Chem-Impex International, Inc.

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## Product Specifications



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|--------------------------|-------------------------------------------|
| <b>Catalogue Number</b>  | 30244                                     |
| <b>Product</b>           | <b>Nickel(II) chloride hexahydrate</b>    |
| <b>CAS Number</b>        | 7791-20-0                                 |
| <b>Molecular Formula</b> | $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ |
| <b>Molecular Weight</b>  | 237.71                                    |

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|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Warnings</b>           | <i>Toxic! Cancer suspect agent!</i>                                                                                                                                                                             |
| <b>Appearance</b>         | Green crystalline powder                                                                                                                                                                                        |
| <b>Solubility</b>         | Clear and colorless (10% in water)                                                                                                                                                                              |
| <b>Density</b>            | 3.55                                                                                                                                                                                                            |
| <b>Anion</b>              | Sulfate ( $\text{SO}_4^{2-}$ ): $\leq 0.005\%$                                                                                                                                                                  |
| <b>Cation</b>             | Calcium (Ca): $\leq 0.005\%$<br>Cobalt (Co): $\leq 0.005\%$<br>Copper (Cu): $\leq 0.001\%$<br>Iron (Fe): $\leq 0.002\%$<br>Lead (Pb): $\leq 0.002\%$<br>Sodium (Na): $\leq 0.01\%$<br>Zinc (Zn): $\leq 0.001\%$ |
| <b>pH</b>                 | 3.5-5.5 (5% solution)                                                                                                                                                                                           |
| <b>Insoluble material</b> | $\leq 0.005\%$ (in Water)                                                                                                                                                                                       |
| <b>Assay</b>              | $\geq 98.0\%$                                                                                                                                                                                                   |
| <b>Grade</b>              | AR Grade                                                                                                                                                                                                        |
| <b>Storage</b>            | Store at RT                                                                                                                                                                                                     |

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**For Laboratory Use Only**