

# Chem-Impex International, Inc.

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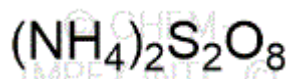
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| <b>Catalogue Number</b>  | 49456                                                       |
| <b>Product</b>           | <b>Ammonium persulphate</b><br>Ammonium peroxodisulphate    |
| <b>CAS Number</b>        | 7727-54-0                                                   |
| <b>Molecular Formula</b> | N <sub>2</sub> H <sub>8</sub> S <sub>2</sub> O <sub>8</sub> |
| <b>Molecular Weight</b>  | 228.2                                                       |

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|-------------------------------|--------------------------------------------------|
| <b>Warnings</b>               | Hygroscopic!                                     |
| <b>Appearance</b>             | White crystalline powder                         |
| <b>Solubility</b>             | Clear colorless solution (10% in Water)          |
| <b>Heavy Metals</b>           | ≤ 0.002% (as Pb)                                 |
| <b>Anion</b>                  | Chloride (Cl <sup>-</sup> ): ≤ 0.0005%           |
| <b>Cation</b>                 | Iron (Fe): ≤ 0.001%<br>Manganese (Mn): ≤ 0.0005% |
| <b>Acidity</b>                | ≤ 0.2% (H <sub>2</sub> SO <sub>4</sub> )         |
| <b>DNase, RNase, Protease</b> | Not detected                                     |
| <b>Sulfated Ash</b>           | ≤ 0.05%                                          |
| <b>Assay by titration</b>     | Iodometric titration: ≥ 99.0%                    |
| <b>Grade</b>                  | Molecular biology grade                          |
| <b>Storage</b>                | Store at RT                                      |

**For Laboratory Use Only**