

# Chem-Impex International, Inc.

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

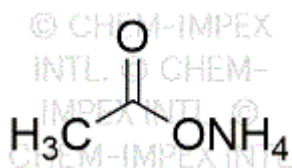
**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

|                          |                                               |
|--------------------------|-----------------------------------------------|
| <b>Catalogue Number</b>  | 49455                                         |
| <b>Product</b>           | <b>Ammonium acetate</b>                       |
| <b>CAS Number</b>        | 631-61-8                                      |
| <b>Molecular Formula</b> | C <sub>2</sub> H <sub>7</sub> NO <sub>2</sub> |
| <b>Molecular Weight</b>  | 77.08                                         |

|                                     |                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Warnings</b>                     | Hygroscopic!                                                                                  |
| <b>Appearance</b>                   | White crystalline powder Hygroscopic!                                                         |
| <b>Solubility</b>                   | Clear colorless solution (10% in Water)                                                       |
| <b>Heavy Metals</b>                 | ≤ 0.0002% (as Pb)                                                                             |
| <b>Anion</b>                        | Sulphate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.001%<br>Chloride (Cl <sup>-</sup> ): ≤ 0.0005% |
| <b>Cation</b>                       | Iron (Fe): ≤ 0.0002%                                                                          |
| <b>Water Content (Karl Fisher)</b>  | ≤ 2.0%                                                                                        |
| <b>pH</b>                           | 6.5 to 7.5 (5% aq. Solution)                                                                  |
| <b>DNase, RNase, Protease</b>       | Not detected                                                                                  |
| <b>Absorbance (1M aq. Solution)</b> | Absorbance of 1M aq. solution in a 1cm cell/water<br>at 260 nm: ≤ 0.01,<br>at 280 nm: ≤ 0.007 |
| <b>Sulfated Ash</b>                 | ≤ 0.01%                                                                                       |
| <b>Assay by titration</b>           | Neutralization titration: ≥ 99.0%                                                             |
| <b>Grade</b>                        | Molecular biology grade                                                                       |
| <b>Storage</b>                      | Store at RT                                                                                   |

**For Laboratory Use Only**