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# Specification

## Technical Data Sheet

|                            |                                       |
|----------------------------|---------------------------------------|
| <b>Product Name</b>        | Ammonium chloride                     |
| <b>Product No</b>          | 24838060                              |
| <b>CAS Number</b>          | 12125-02-9                            |
| <b>Storage Temperature</b> | Ambient                               |
| <b>Molecular Weight</b>    | 53.49                                 |
|                            | <b>Specification</b>                  |
| <b>Water</b>               | <0.1%                                 |
| <b>Ash</b>                 | <0.05%                                |
| <b>Conclusion</b>          | USP/EP/Food Grade                     |
| <b>AS</b>                  | <1ppm                                 |
| <b>HG</b>                  | <0.1ppm                               |
| <b>pH</b>                  | 4.6 - 6.0                             |
| <b>SO4</b>                 | <150ppm                               |
| <b>Fe</b>                  | <3ppm                                 |
| <b>Pb</b>                  | <1ppm                                 |
| <b>Ca</b>                  | <10ppm                                |
| <b>Cd</b>                  | <1ppm                                 |
| <b>Loss on Drying</b>      | <0.5% (USP); <1% (EP)                 |
| <b>Assay</b>               | >99.7%                                |
| <b>Residue on Ignition</b> | <0.1%                                 |
| <b>Appearance</b>          | White or off-white crystalline powder |
| <b>Sulphate Ash</b>        | <0.1%                                 |
| <b>NaCl</b>                | <0.05%                                |
| <b>Heavy Metal (as Pb)</b> | <10ppm                                |