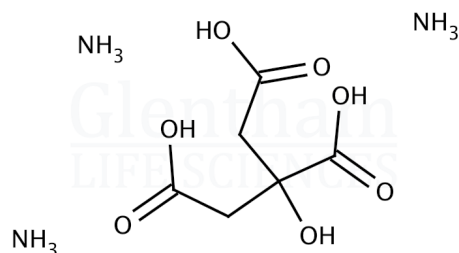


## Product Specification

|                   |                           |
|-------------------|---------------------------|
| Product Name      | Ammonium citrate tribasic |
| Glentham Code     | GL7832                    |
| CAS Number        | 3458-72-8                 |
| EINECS            | 222-394-5                 |
| MDL Number        | MFCD00036406              |
| PubChem SID       | 310266777                 |
| Molecular Weight  | 243.22                    |
| Molecular Formula | $C_6H_{17}N_3O_7$         |
| Storage Temp.     | +20°C                     |



| Property                  | Specification                                   |
|---------------------------|---|
| Physical Description      | Colourless crystals or white crystalline powder |
| Assay                     | ≥ 98.0%   |
| Identification            | To pass tests for ammonia and citrate           |
| Solubility (10% in water) | Clear, colourless solution                      |
| pH (10% in water)         | 6.5 - 8.5                                       |
| Chloride (Cl)             | ≤ 10ppm   |
| Iron (Fe)                 | ≤ 1ppm  |
| Calcium (Ca)              | ≤ 10ppm   |
| Chromium (Cr)             | ≤ 1ppm  |
| Lithium (Li)              | ≤ 1ppm  |
| Magnesium (Mg)            | ≤ 5ppm  |
| Nickel (Ni)               | ≤ 1ppm  |
| Sodium (Na)               | ≤ 5ppm  |
| Lead (Pb)                 | ≤ 1ppm  |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2015-05-31 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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