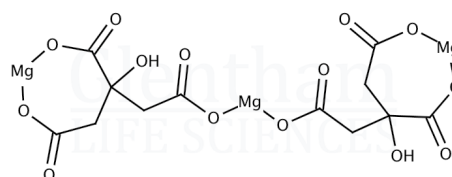


Certificate of Analysis

| | |
|-------------------|--------------------------------------|
| Product Name | Magnesium citrate tribasic hydrate |
| Glentham Code | GK3304 |
| CAS Number | 3344-18-1 |
| EINECS | 222-093-9 |
| PubChem SID | 310275961 |
| Additional CAS | 7779-25-1 (anhydr.) |
| Batch Number | 132NOJ |
| Molecular Weight | 451.13 (anhydrous) |
| Molecular Formula | $C_{12}H_{10}Mg_3O_{14} \cdot xH_2O$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 132NOJ |
|--------------------------------|---------------------------------------|--------------------------|
| Physical Description | White to off-white crystalline powder | White crystalline powder |
| Identification | A, B according to USP | Conforms |
| pH (5% in water) | 5.0 - 9.0 | 6.7 |
| Chloride | ≤ 0.05% | Conforms |
| Sulphate | ≤ 0.2% | Conforms |
| Iron (Fe) | ≤ 200ppm | Conforms |
| Arsenic (As) | ≤ 3ppm | Conforms |
| Calcium (Ca) | ≤ 1.0% | 0.009% |
| Heavy Metals (as Pb) | ≤ 50ppm | Conforms |
| Lead (Pb) | ≤ 0.5ppm | ≤ 0.01ppm |
| Loss on Drying | ≤ 29.0% | 25.2% |
| Assay (Mg) | 14.5 - 16.4 % (dried basis) | 15.4% |
| Pharmacopoeia Specification(s) | USP | Conforms to USP |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2015-03-13 |
| Re-Test Date | 2025-02-23 |

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 or contact us using the details above for the current version of this document.

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