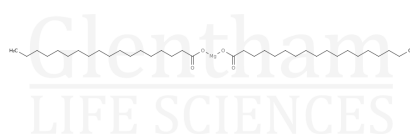


Certificate of Analysis

| | |
|---------------|-----------------------------------|
| Product Name | Magnesium stearate, EP, USP grade |
| Glentham Code | GX1421 |
| CAS Number | 557-04-0 |
| EINECS | 209-150-3 |
| MDL Number | MFCD00036391 |
| Batch Number | 933LMQ |

| | |
|-------------------|---|
| Molecular Weight | 591.24 |
| Molecular Formula | $[\text{CH}_3(\text{CH}_2)_{16}\text{CO}_2]_2\text{Mg}$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 933LMQ |
|---------------------------------------|---|-------------------|
| Physical Description | Fine white powder | Fine white powder |
| Identification | A, B, C, D according to EP | Conforms |
| Solubility | Practically insoluble in water and in anhydrous ethanol | Conforms |
| Acidity or Alkalinity | According to EP | Conforms |
| Chlorides | ≤ 0.1% | Conforms |
| Sulfate | ≤ 1.0% | Conforms |
| Cadmium (Cd) | ≤ 3ppm | ≤ 1ppm |
| Nickel (Ni) | ≤ 5ppm | Conforms |
| Loss on Drying | ≤ 6.0% | 3.4% |
| Total Aerobic Microbial Count | ≤ 1000CFU/g | 25CFU/g |
| Total Yeast and Mould Count | ≤ 100CFU/g | 10CFU/g |
| Magnesium (Mg) | 4.0 - 5.0 % (dried substance) | 4.8% |
| Stearic acid | ≥ 40.0% (in the fatty acid fraction) | 45.6% |
| Sum of stearic acid and palmitic acid | ≥ 90.0% (in the fatty acid fraction) | 98.6% |
| Pharmacopoeia Specification(s) | EP, USP | Conforms |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2025-03-03 |
| Re-Test Date | 2028-03-17 |

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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