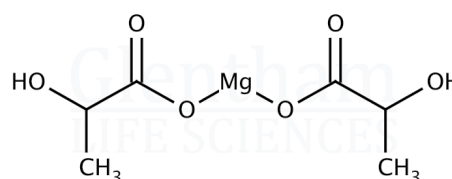


## Certificate of Analysis

|                |   |
|----------------|---|
| Product Name   | Magnesium L-lactate hydrate, Ph. Eur. grade |
| Glentham Code  | GK3533                                      |
| CAS Number     | 18917-93-6                                  |
| EINECS         | 242-671-4                                   |
| MDL Number     | MFCD00156534                                |
| PubChem SID    | 310275965                                   |
| Additional CAS | 179308-96-4                                 |
| Additional CAS | 1220086-24-7                                |
| Batch Number   | 877LTU                                      |



|                   |                               |
|-------------------|-------------------------------|
| Molecular Weight  | 202.45 (anhydrous)            |
| Molecular Formula | $Mg(C_3H_5O_3)_2 \cdot xH_2O$ |
| Storage Temp.     | +20°C                         |

| Property                       | Specification                                      | Batch 877LTU |
|--------------------------------|--|--------------|
| Physical Description           | White to almost white powder or crystalline powder | White powder |
| Identification                 | According to Ph. Eur.                              | Conforms     |
| Appearance of Solution         | According to Ph. Eur.                              | Conforms     |
| pH (5% in water)               | 6.5 - 8.5  | 7.9          |
| Chlorides                      | ≤ 200ppm   | Conforms     |
| Sulphates                      | ≤ 400ppm   | Conforms     |
| Iron (Fe)                      | ≤ 50ppm  | Conforms     |
| Loss on Drying                 | 14.0 - 17.0 % (125 °C)                             | 14.9%        |
| Assay (Titration)              | 98.0 - 102.0 % (dried basis)                       | 100.0%       |
| Pharmacopoeia Specification(s) | Ph. Eur.   | Conforms     |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.1       |
| Manufacture Date      | 2023-12-01 |
| Re-Test Date          | 2032-02-14 |

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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