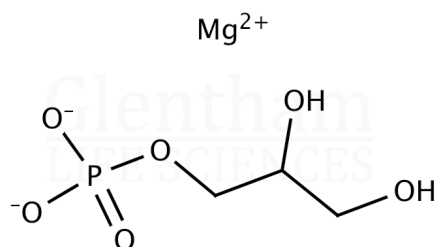


## Certificate of Analysis

|                |                                             |
|----------------|---------------------------------------------|
| Product Name   | Glycerol-1-phosphate magnesium salt hydrate |
| Glenthams Code | GC3404                                      |
| CAS Number     | 927-20-8                                    |
| EINECS         | 213-149-3                                   |
| MDL-Nummer     | MFCD00153014                                |
| PubChem SID    | 310274268                                   |
| Batch Number   | 974YDW                                      |

|                   |                            |
|-------------------|----------------------------|
| Molecular Weight  | 194.36 (anhydrous)         |
| Molecular Formula | $C_3H_7MgO_6P \cdot xH_2O$ |
| Storage Temp.     | +20°C                      |



| Property              | Specification                                              | Batch 974YDW |
|-----------------------|------------------------------------------------------------|--------------|
| Physical Description  | White powder                                               | White powder |
| Acidity or Alkalinity | ≤ 2.0ml (0.1M NaOH / 0.1M HCL)                             | 0.70ml       |
| Impurities            | Citrate: absent                                            | Entspricht   |
|                       | Free glycerol and other alcohol soluble impurities: ≤ 2.0% | 0.73%        |
| Residue on Ignition   | 47.0 - 52.0 %                                              | 50.4%        |
| Lead (Pb)             | ≤ 3ppm                                                     | 0.29ppm      |
| Arsenic (As)          | ≤ 1ppm                                                     | 0.03ppm      |
| Mercury (Hg)          | ≤ 0.1ppm                                                   | 0.004ppm     |
| Cadmium (Cd)          | ≤ 1ppm                                                     | 0.003ppm     |
| Magnesium (Mg)        | 11.0 - 12.5 % (dried basis)                                | 12.1%        |
| Assay                 | ≥ 95.0% (Magnesium glycerophosphate, dried basis)          | 97.0%        |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2021-04-01 |
| Re-Test Date          | 2031-06-11 |

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

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