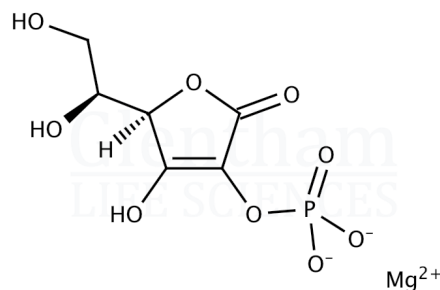


## Certificate of Analysis

|                   |  |
|-------------------|--|
| Product Name      | L-Ascorbic acid 2-phosphate<br>sesquimagnesium salt hydrate                          |
| Glenthams Code    | GV6147   |
| CAS Number        | 113170-55-1  |
| Additional CAS    | 1713265-25-8 (xH <sub>2</sub> O)   |
| Batch Number      | 544RTU   |
| Molecular Weight  | 289.54 (anhydrous)   |
| Molecular Formula | C <sub>6</sub> H <sub>6</sub> Mg <sub>1.5</sub> O <sub>9</sub> P · xH <sub>2</sub> O |
| Storage Temp.     | +20°C  |



| Property                 | Specification                        | Batch 544RTU                      |
|--------------------------|--------------------------------------|-----------------------------------|
| Physical Description     | White to off-white powder            | Almost white powder               |
| Identification (IR)      | To conform to standard               | Conforms                          |
| Solubility (5% in water) | Clear, colourless to yellow solution | Clear, very faint yellow solution |
| pH (5% in water)         | 7.0 - 8.5                            | 7.4                               |
| Free Ascorbic Acid       | ≤ 0.5%                               | Conforms                          |
| Loss on Drying           | ≤ 29.0% (105°C, 3h)                  | 10.6%                             |
| Total bacteria           | ≤ 300CFU/g                           | Conforms                          |
| Yeast and Mould          | ≤ 100CFU/g                           | Conforms                          |
| Assay                    | ≥ 95.0% (anhydrous basis)            | 99.2%                             |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.2       |
| Manufacture Date      | 2023-02-01 |
| Re-Test Date          | 2029-11-18 |

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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