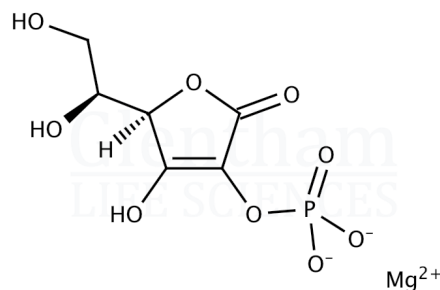


## Certificate of Analysis

Product Name	L-Ascorbic acid 2-phosphate 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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