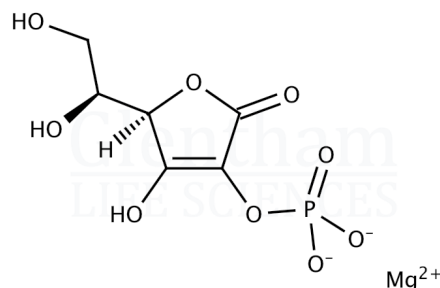


Certificate of Analysis

Product Name	L-Ascorbic acid 2-phosphate sesquimagnesium salt hydrate
Glenthams Code	GV6147
CAS Number	113170-55-1
Additional CAS	1713265-25-8 (xH ₂ O)
Batch Number	544RTU
Molecular Weight	289.54 (anhydrous)
Molecular Formula	C ₆ H ₆ Mg _{1.5} O ₉ P · xH ₂ 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 or contact us using the details above for the current version of this document.

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