

Chem-Impex International, Inc.

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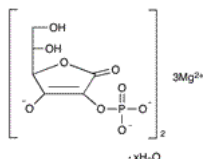
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	32369
Product	L-Ascorbic acid 2-phosphate sesquimagnesium Magnesium ascorbyl phosphate
CAS Number	113170-55-1 , 1713265-25-8
Molecular Formula	C ₁₂ H ₁₂ Mg ₃ O ₁₈ P ₂ •H ₂ O
Molecular Weight	597.09

Warnings	<i>Heat sensitive!</i>
Appearance	Free flowing white powder
Color (APHA)	≤ 40
Heavy Metals	≤ 0.001%
Anion	Chloride : ≤ 0.35%
Cation	Arsenic : ≤ 0.0002%
pH	7.0 - 8.5
Optical Rotation	[α] ²⁰ _D = 44 - 50 ° (C= 1 in 0.1M HCL)
Loss on Drying	≤ 20%
Microbial Count	≤ 100 cfu/g (TAC)
Related Substances	Free ascorbic acid : ≤ 0.5% Free phosphoric acid : ≤ 1.0%
Assay (anhydrous basis)	≥ 98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only