

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 32369 |
| Lot Number | 002745-20190510 |
| 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 |

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|--------------------------------|--|
| Appearance | Free flowing white powder |
| Color (APHA) | < 40 |
| Heavy Metals | < 0.001% |
| Anion | Chloride : < 0.35% |
| Cation | Arsenic : < 0.0002% |
| pH | 7.26 |
| Optical Rotation | [a] ²⁰ _D = 46.1 ° (C= 1 in 0.1M HCL) |
| Loss on Drying | 14.60% |
| Microbial Count | < 100 cfu/g (TAC) |
| Related Substances | Free ascorbic acid : 0.20% Free phosphoric acid : < 1.0% |
| Assay (anhydrous basis) | 98.80% |
| Storage | Store at 2 - 8 °C |
| Remarks | See material safety data sheet for additional information For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager