



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-228390B  
Lot Number: SAMPLE  
Product Name: L-Ascorbic acid 2-phosphate sesquimagnesium salt  
CAS Number: 113170-55-1  
Molecular Formula:  $C_6H_6O_9P \cdot 1.5Mg$   
Molecular Weight: 289.54

Test	Specification	Result
Appearance	White or pale yellow powder or granule	Complies
Assay (HPLC)	≥98% (as dry basis)	99.3%
pH	7.0-8.5	7.6
Heavy Metals	≤10 ppm	Complies
Impurity	≤2.5% (Keto-gulonic acid & derivatives)	Complies
Arsenic	≤1 ppm	Complies
Chloride	≤0.35%	Complies
Free Phosphoric Acid	≤1.0%	Complies
Free VC (HPLC)	≤0.5%	Complies
Water Content	≤29%	Complies

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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