



Certificate of Analysis

Product Name:	Magnesium Ascorbyl Phosphate	Report Date	March. 19, 2020
Batch Number:	LYPH200316	Manufacturing Date	March. 16, 2020
Batch Quantity:	559 Kg	Expiration Date	March. 15, 2022

Items	Specification	Results
Appearance	White Powder	Conforms
Assay(C ₁₂ H ₁₂ O ₁₈ P ₂ Mg ₃)	≥98.5%	99.21%
Loss on drying	≤20%	19.13%
Heavy metals(Pb)	≤0.001%	Conforms
Arsenic	≤0.0002%	Conforms
PH Value(3% aqueous solution)	7.0~8.5	8.34
Color of solution(APHA)	≤70	Conforms
Free Ascorbic Acid	≤0.5%	0.20%
Specific optical rotation	+43° - +50°	+48.89°
Free Phosphoric Acid	≤1%	Conforms
Chloride	≤0.35%	Conforms
Total aerobic count	≤1000 Per gram	30 Per gram

Conclusion	Meet the Standard
Storage	Stored in cool and dry place, keep away from strong light
Shelf life	2 years when properly stored

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