



Certificate of Analysis

Product Name:	Magnesium Ascorbyl Phosphate	Report Date	March. 19, 2022
Batch Number:	LYPH220316	Manufacturing Date	March. 16, 2022
Batch Quantity:	559 Kg	Expiration Date	March. 15, 2024

Items	Specification	Results
Appearance	White Powder	Conforms
Assay($C_{12}H_{12}O_{18}P_2Mg_3$)	$\geq 98.5\%$	99.21%
Loss on drying	$\leq 20\%$	19.13%
Heavy metals(Pb)	$\leq 0.001\%$	Conforms
Arsenic	$\leq 0.0002\%$	Conforms
PH Value(3% aqueous solution)	7.0~8.5	8.34
Color of solution(APHA)	≤ 70	Conforms
Free Ascorbic Acid	$\leq 0.5\%$	0.20%
Specific optical rotation	$+43^\circ - +50^\circ$	$+48.89^\circ$
Free Phosphoric Acid	$\leq 1\%$	Conforms
Chloride	$\leq 0.35\%$	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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