

中和方源（天津）生物技术有限公司  
Zhonghe Fountain(Tianjin)Biotech Ltd.

**CERTIFICATE OF ANALYSIS**

<b>Trade Name</b>	Cosmate <sup>®</sup> MAP	<b>Product Name</b>	Magnesium Ascorbyl Phosphate
<b>Batch Number</b>	202302002	<b>Batch Size</b>	500KGS
<b>Order Quantity</b>	150KGS	<b>Grade</b>	Cosmetc Grade
<b>Manufacturing Date</b>	FEB.08,2023	<b>Expiry Date</b>	FEB.07,2025
<b>TEST ITEMS</b>	<b>STANDARD</b>		<b>RESULT</b>
Appearance	White to pale yellow powder		Conforms
Assay(HPLC)	≥98.50		99.12%
Loss on Drying	≤20%		15.48%
Heavy Metals(as Pb)	≤0.001%		<0.001%
Arenic	≤0.0002%		<0.0002%
pH Value(3% aqueous solution)	7.0~8.5		7.9
Color of Solution(APHA)	≤70		70
Free Ascobic Acid	≤0.5%		0.27%
Specific Optical Rotation[α] <sup>20</sup> D	+43° ~+50°		+47.50°
Free Phosphoric Acid	≤1%		<1%
Chloride	≤0.35%		<0.35%
Total Aerobic Count	≤1000 cfu/g		<100 cfu/g
<b>Conclusion:</b>	This batch product conform to cosmetic grade.		
<b>Analyzer</b>	Chen Yan	<b>Re-Checker</b>	Wang Chunyue

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