

**Certificate of Analysis**

Product Name	Ascorbyl Palmitate	Version	English
CAS Number	137-66-6	Report Code	T0724022919-1
Lot Number	2024010301	Manuf. Date	2024/01/09
Lot Quantity	2000.000kg	Test Date	2024/01/09
Net Weight	25.000kg/Carton	Expiry Date	2026/01/08
Gross Weight	27.500kg/Carton	Workshop	
Test Standard	BP2022/USP 40/EP11/FCC13		

Item	Standard	Results
Appearance	A white or yellowish-white powder	white powder
Infrared absorption	Consistent with the CRS	Consistent with the CRS
Residue on ignition	NMT 0.1%	0.05%
E. Coli	Negative	Negative
Total Aerobic Microbial Count	NMT 100 cfu/g	< 100 cfu/g
Total Yeasts and Moulds Count	NMT 10 cfu/g	< 10 cfu/g
Lead	≤0.5 mg/kg	<0.5 mg/kg
Color reaction	The sample solution decolorizes dichlorophenol-indophenol TS	The sample solution decolorizes dichlorophenol-indophenol TS
Melting range	107 ~ 117°C	107.2°C~111.7°C
Loss on drying	NMT 1.0%	0.025%
P.aeruginosa	Negative	Negative
Chromatographic identity	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution
Sulphated ash	NMT 0.1%	0.04%
Mercury	≤0.1 mg/kg	<0.1 mg/kg
Odor	Without caramel smell	Without caramel smell
Assay	98.0% ~ 100.5%	99.17%
Residual solvent	NMT 0.5%	<0.5%
Salmonella	Negative	Negative

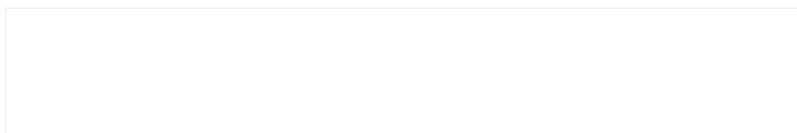
Arsenic	≤0.5 mg/kg	<0.5 mg/kg
S. Aureus	Negative	Negative
Specific optical rotation	+21° ~ +24°	+23.14°
Cadmium	≤0.5 mg/kg	<0.5 mg/kg

Conclusion: Product complies with BP2022/USP 40/EP11/FCC13

The above-mentioned data shall constitute the agreed contractual product quality, are also controlled as part of our quality assurance program. These data implies no legally binding guarantee of certain properties or of fitness for any specific purpose.

Reporter Liu Li

Approver of COA release Du Xuewu



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