

CERTIFICATE OF ANALYSIS

Product Name:	Ascorbyl Tetraisopalmitate		
CAS No. :	183476-82-6	Quantity:	300 kg
Batch No:	ST23012002	Test date:	2023.1.28
Manufacturing date:	2023.1.20	Expire date:	2026.1.19

Item	Standard	Results
Purity	≥98.0%	98.6%
Appearance	Colorless to light yellow liquid	Conforms
Odor	A faint characteristic odor	Conforms
Storage Condition	Store at cool, dry place with tighten container; avoid light	Conforms
IR	Should be consistent with that of the reference product	Conforms
HPLC	The retention time of the main peak of the test solution should be the same as that of the control solution	Conforms
Color (APHA)	≤100	10
Density	0.930~0.943	0.943
Refractive index (25°C)	1.459~1.465	1.464
Pb	≤ 10ppm	Conforms
As	≤ 2ppm	Conforms
Hg	≤ 1ppm	Conforms
Cd	≤ 5ppm	Conforms
Total bacterial cfu/g	≤ 200cfu/g	<10
Molds and Yeast Count	≤ 100cfu/g	<10
Thermotolerant Coliforms /g	Negative	ND
Staphylococcus Aureus /g	Negative	ND
P.Aeruginosa /g	Negative	ND

Conclusion	The batch is in compliance with established requirements.
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