

Certificate of Analysis

Product	Fat Blaster LIPO-C	CAS No. :	136-86-9
Product No. :	LIPO-C	Molecular Formula	C ₂₄ H ₃₁ O ₇ P
Sequence	Liposomal Vitamin C (Ascorbic Acid encapsulated in phospholipid liposomes) (Active form: Ascorbic Acid)		
Batch No.	LIPC-260601	Quantity	2.0kg
Mfg. Date	May 26th, 2026	Retest Date	May 25th, 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
Appearance	Yellow to light yellow liquid	Light yellow liquid
Odor	Slight characteristic odor	Conforms
Solubility	Miscible in water	Conforms
pH (1% aqueous solution)	3.0~4.0	3.4
Particle size (nm)	80~200nm	142nm
Viscosity (25°C)	10~50 mPa·s	28 mPa·s
Ascorbic Acid Content	NLT 50.0% w/w	51.2%
Encapsulation Efficiency	NLT 90.0%	94.3%
Phospholipid Content	NLT 30.0%	32.6%
Purity (HPLC)	NLT 98.0%	99.1%
Moisture (Karl Fischer)	NMT 5.0%	2.8%
Heavy Metals (as Pb)	NMT 10ppm	<10ppm
Arsenic (As)	NMT 2ppm	<2ppm
Lead (Pb)	NMT 2ppm	<2ppm
Cadmium (Cd)	NMT 1ppm	<1ppm
Mercury (Hg)	NMT 1ppm	<1ppm
Microbial Limits	TAMC NMT 1000 cfu/g TYMC NMT 100 cfu/g E. Coli : Absent Salmonella : Absent	<100 cfu/g <10 cfu/g Absent Absent
Assay (Ascorbic Acid)	95.0%~105.0% (Calculated with reference to the labeled amount)	100.3%
Storage	Store in a cool, dry place, protected from light. Do not freeze.	



Residual solvent	Methanol NMT 5000ppm Ethanol NMT 5000ppm Acetone NMT 5000ppm Isopropanol NMT 5000ppm Hexane NMT 290ppm	N.D N.D N.D N.D N.D
Other additives	None	Conforms
Peptide content	Not Applicable	N/A
Bacterial endotoxins	NMT 10EU/mL	<3EU/mL
Stability	Stable under recommended storage conditions	Conforms
Report	Li peng	Date 2026.06.03
Reviewer	Fang Hui Liao	Date 2026.06.03
Conclusion: This batch of product complies with Enterprise Standard.		

It is only supplied as chemical product.
It is only for R&D use.

Testing Organization:
Shanghai High Purity Peptide Biotechnology Co., Ltd.
上海高纯肽生物科技有限公司