

CERTIFICATE OF ANALYSIS

1. Basic Information

Chemical Name: Lycopene Oil	CAS Number: 502-65-8
Molecular Weight: 536.87	Formula: C40H56
Batch Number: 2024041501	Manufacturing Date: Apr,15 th ,2024
Quantity: 500KG	Retest Date: Apr,14 th ,2025

2. Physical Characteristics

Items	Standard	Result
Lycopene content(By HPLC)	≥6.0%	6.21%
Appearance	Dark Red to purplish-red Oil	Conforms
Odor	Characteristics	Conforms
Taste	Characteristics	Conforms
Loss on Drying	≤0.5%	0.29%
Ash	≤0.5%	0.24%
Heavy Metals	<10ppm	Conforms
Lead(Pb)	<3ppm	Conforms
Arsenic(As)	<1ppm	Conforms
Cadmium(Cd)	<1ppm	Conforms
Mercury(Hg)	<0.1 ppm	Conforms
Total Plate Count	<1000cfu/g	Conforms

Moulds and Yeast	<100cfu/g	Conforms
E.Coli	≤30MPN/ 100g	Conforms
Salmonella	Negative	Conforms
Conclusion	Comply with the standards	
Storage	Store in a cool dry place, avoiding sunlight directly	
Shelf Life	24 months when properly stored	
Attention	After opening, please use it immediately; if not, please pack it in vacuum.	

QC Manager: Liu Si

Checker: Hu Kai

Approved: Shao Jin