



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Conjugated Linoleic Acid Glycerides		
Batch No.:	NM20230817	MFQ Date:	2023-08-17
Quantity:	3000kg	Expiry Date:	2025-08-16

Item	Specification	Results
Appearance	Clear colorless to slight yellow liquid oil,should have no foul-smelling of rancidity	Complies
Color	R< 2.0 Y< 20	R0.1 Y1.4
CLA content (mg/g) (w/w)	700-800	776
Palmitic acid %	≤9.0	1.9
Stearic acid %	≤4.0	2.9
Oleic acid %	7.0-20.0	12.3
Linoleic acid %	≤3.0	1.5
Total CLA %	≥78.0	81.4
C18:2,9c , 11t %	≥37.5	39.3
18:2,10t,12c%	≥37.5	38.1
Acid value (mgKOH/g)	≤2.0	0.1
Peroxide value (mmol/kg)	≤ 2.5	0.4
Unsaponifiable matters(%)	≤1.0	0.1
Benzo(a)pyrene (ug/kg)	≤ 2.0	Negative
Saponification (mgKOH/g)	185.0 - 200.0	189.9
Lead mg/kg	≤0.1	< 0.1
Arsenic mg/kg	≤0.1	< 0.1
Aflatoxin B1 (ug/kg)	≤10	Negative
Iodine value (gI2/100g)	≥115	122.6
Conclusion	It conforms to In-house standard.	

Quality Assurance: Liang Yan

