



Max plant oil

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CERTIFICATE OF ANALYSIS (COA)

Product Name	Borage Oil	
Botanical Name	Borago officinalis	
INCI Name	Borago Officinalis Seed Oil	
CAS.NO	84012-16-8	
Maufactuer Date	2025.05.25	
Expired Date	2027.05.24	
Items	Specifications	Result
γ -linolenic acid C18:3	≥20.0%	20.4%
Linoleic Acid C18:2	30.0%-41.0%	36.4%
Oleic Acid C18:1	12.0%-22.0%	18.6%
Stearic Acid C18:0	2.0%-6.0%	4.8%
Palmitic Acid C16:0	9.0%-12.0%	10.0%
Palmitoleic Acid C16:1	0-0.6%	0.2%
Arachidic Acid C20:0	0-0.5%	0.3%
Eicosenoic Acid C20:1	2.8%-4.4%	4.0%
Erucic Acid C22:1	0-3.0%	2.3%
Nervonic Acid	0-4.5%	1.5%
Appearance	Light yellow or yellow liquid	Conform
Gardner Color	≤5.0	2.6
Moisture & Volatile (%)	≤0.10	<0.10
Acid Value (mgKOH/g)	≤1.0	0.42
Peroxide Value (meq/kg)	≤10.0	0.98
Cold Test	Clear after 5.5 hours at 0℃	Conform
Relative density	About 0.921	0.921
Refractive Index (20℃)	About 1.476	1.473
Unsaponification Value	≤2.0%	0.84%
Saponification Value (mgKOH/g)	185-195	191.1
Iodine value (g/100g)	125-150	133.0
Solvent residue (mg/kg)	≤1.0	Conforms
conclusion	Quality is excellent	
STABILITY AND STORAGE	Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.	

QC: Enlla

Manager: Shelly

