

CERTIFICATE OF ANALYSIS

Product Name	Evening primrose oil powder		
Specification	50%		
Batch Number	20230418	Manufacture Date	20230418
Report Date	20230418	Expiry Date	20250417

Item of Analysis	Specification	Results	Test Methods
Appearance	White to almost white or yellow free-flowing powder	Conforms	Visual
Analytical Quality			
Loss on Drying	≤5.0%	2.58%	USP<731>
Bulk Density	0.30g/mL-0.55g/mL	0.43g/mL	USP<616>
Particle Size	≥90% through 40 mesh	95.34%	USP<786>
Total Fat	≥50.0%	50.84%	Acidic Hydrolysis
Assay			
γ-Linolenic Acid (in fat)	≥9.0%	9.21%	GC
Contaminants			
Lead (Pb)	≤1ppm	Certified	GF-AAS
Arsenic (As)	≤1ppm	Certified	HG-AAS
Cadmium (Cd)	≤1ppm	Certified	GF-AAS
Mercury (Hg)	≤0.1ppm	Certified	HG-AAS
Microbiological Tests			
Total Aerobic Microbial Count	≤1000cfu/g	<10cfu/g	USP<61>
Total Moulds and Yeasts Count	≤100cfu/g	<10cfu/g	USP<61>
Enterobacterial	≤10cfu/g	<10cfu/g	USP<62>
*Salmonella	Negative/10g	Certified	USP<62>
*E.coli	Negative/10g	Certified	USP<62>
*Staphylococcus Aureus	Negative/10g	Certified	USP<62>
*Enterobacter Sakazakii	Negative/10g	Certified	ISO 22964

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

