瀚萃康生物
Hancuikang Bio-Technology

Flaxseed Oil Powder Certificate of Analysis

Product Name:	Flaxseed Oil Powder	Report No.:	H2511139
Product Code:	MF-CI50	Batch No.:	H251118
Specification:	50%,CWS	Quantity:	·
Manufacture Date:	18-11-2025	Expiry Date:	17-11-2027

TEST ITEMS	SPECIFICATIONS	TEST RESULTS	TEST METHODS
Physical &Chemical Data			
Appearance	White to almost white or yellow free-flowing powder	Conforms	Visual
Analytical Quality			
Loss on Drying	≤5.0%	2.61%	USP<731>
Particle Size	≥90%through 40 mesh	96.80%	USP<786>
Bulk Density	0.30g/mL-0.55g/mL	0.48g/mL	USP<616>
Total Fat	≥50.0%	50.53%	Acidic Hydrolysis
Assay			
Linoleic Acid(in fat)	10.0%-20.0%	16.03%	GC
α-Linolenic Acid(in fat)	45.0%-70.0%	53.17%	GC
*Contaminants			
Lead(Pb)	≤1ppm	Certified	GF-AAS
Arsenic(As)	≤lppm	Certified	HG-AAS
Cadmium(Cd)	≤1ppm	Certified	GF-AAS
Mercury(Hg)	≤0.1ppm	Certified	HG-AAS
Microbiological			
Total Aerobic Microbial Count	≤1000cfu/g	<10cfu/g	USP<61>
Total Moulds and Yeasts Count	≤100cfug	<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

Remarks:*Performs the tests once a year.

"Certified"indicates that data are obtained by statistically-designed sampling audits.

Conclusion:	Conform to the in-house standard.
Shelf Life:	The product may be stored for 2 years in the unopened original container at room temperature.
Packing &Storage:	10kg seal-heated aluminum foil bags,and two bags in a carton. It shall be stored in tightly closed containers at room temperature,and protected from heat,light,moisture and oxygen.

Analyst:

Authorizer:

Date:22-Nov-2025

Sample COA for reference only. Actual COA is issued per batch. Quantity and signatories redacted.