

CERTIFICATE OF ANALYSIS

Product Name	Flaxseed Oil Powder		
Specification	50%		
Quantity	1200Kg		
Batch Number	20220122	Manufacture Date	20220122
Report Date	20220122	Expiry Date	20240121

Item of Analysis	Specification	Results	Test Methods
Physical & Chemical Data			
Appearance	White to almost white or light yellow free-flowing powder	Conforms	Visual
Analytical Quality			
Loss on Drying	≤5.0%	2.89%	USP<731>
Total Fat	≥50.0%	50.96%	Acidic hydrolysis
Assay			
Linoleic Acid(in fat)	10.0%-20.0%	17.68%	GC
Linolenic Acid(in fat)	45.0%-70.0%	48.36%	GC
Contaminants			
Lead (Pb)	≤lppm	Certiged	USP<25I>
Arsenic (As)	≤lppm	Certified	USP<21I>
Cadmium (Cd)	≤lppm	Certified	EN ISO 17294
Mercury (Hg)	≤0.1 ppm	Certified	USP<26I>
Microbiological			
Total Aerobic Microbial Count	≤1000cfu/g	0cfu/g	USP<61>
Total Moulds and Yeasts Count	≤100ctu/g	0cfu/g	USP<6I>
Enterobacterial	≤10cfu/g	0cfu/g	USP<61>
Salmonella	n.d./25g	Certified	USP<62>
E. coli	n.d./10g	Certified	USP<62>
Staphylococcus Aureus	n.d./10g	Certified	USP<62>

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.

