



Xi'an Green Spring Technology Co.,Ltd

CERTIFICATE OF ANALYSIS

Product Name	Algal oil DHA Powder			
Other Name	Docosahexaenoic acid powder			
Batch Number	2024082501GS	Manufacture Date	Aug.25,2024	
Report Date	Aug.27,2024	Expiry Date	Aug.24,2026	
Item of Analysis	Units	Specification	Results	Test Methods
Assay(DHA)	g/100g	≥10	10.7	GC
EPA	g/100g	0.15	0.12	GC
Protein	g/100g	/	12.2	/
Organoleptic				
Appearance	Powder		Conforms	Organoleptic
Color	Pale yellow or white powder		Conforms	Organoleptic
Odor	Characteristic		Conforms	CP2010
Taste	Characteristic		Conforms	CP2010
Physical Characteristics				
Particle Size	100%pass 40 mesh		40MESH	CP2010
Peroxide value	mmol/kg	≤2.5	0.3mmol/kg	GB5009.227
Loss on drying	g/100g	≤5	2.38	USP<731>
Total ash	g/100g	≤5	2.7	USP<561>
Surface oil	g/100g	0.15	0.20	NLS-QCS-1007
The ratio of trans fatty acids to total fat	%	0.15	0.20	GB5009.257
Heavy Metal				
Total Heavy Metals	10ppm Max		Conform	USP<231>mcthod II
Lead(Pb)	2ppm NMT		Conform	ICP-MS
Arsenic (As)	2ppm NMT		Conform	ICP-MS
Cadmium(Cd)	2ppm NMT		Conform	ICP-MS
Mercury(Hg)	0.5ppm NMT		Conform	ICP-MS
Microbiological Tests				
Total Plate Count	1000cfu/g Max		Conform	USP<61>
Yeast&Mold	100cfu/g Max		Conform	USP<61>
E.Coli.	Negative		Conform	USP<61>
Salmonella	Negative		Conform	USP<61>
Staphylococcus	Negative		Conform	USP<61>
Conclusion:Conforms with specification, Non-GMO, Allergen Free, BSE/TSE Free.				
Storage:Stored in cool and dry places. Keep away from strong light and heat.				
Packing:By 25kgs/Drum,inner by plastic bag.				
Shelf Life:24 months under the above condition, and in it's original package.				

Quality Assurance: Liang Yan

