Wuhan Newcent Biotechnology Co., Ltd.

Room 15, 14th Floor, Building 1, No. 697 Hanyang Avenue, Hanyang Dist. Wuhan, Hubei Province, China +86-27-83802788

Certificate of Analysis (Sample)

Product Name: DHA Algal Oil Powder
Product Type: Type II
Product Batch: 20260108
Product Date: 2026-01-08
Weight: 2633.075 kg
Shelf Life: 2028-01-07
Report Date: 2026-01-14

Test Items	Specifications	Test Method	Results
Color	Uniform light yellow or white micro.	In-house method	Conforms
Odor and Taste	Characteristic taste, neutral aroma.	In-house method	Conforms
Organization	Uniform particles size, free flowing powder, no impurities or agglomeration.	In-house method	Conforms
Solubility	Completely dissolved in 50°C water.	In-house method	Conforms
Impurities	No visible Impurities.	In-house method	Conforms
DHA Content / (g/100g)	≥10.0	GB 5009.168	10.7
EPA Content / (g/100g)	≤1.0	GB 5009.168	0.09
Moisture / (g/100g)	≤5.0	GB 5009.3	3.62
Ash / (g/100g)	≤5.0	GB 5009.4	2.1
Surface oil / (g/100g)	≤1.0	In-house method	0.12
Peroxide Value / (g/100g)	≤0.013	GB 5009.227	0.00062
Tap Density / (g/cm3)	0.4–0.7	ISO 8967:2005	0.66
Trans fatty acids / Total fatty acids / %	≤1.0	GB 5009.257	<0.012
Aflatoxin M1 / (μg/kg)	≤0.5	GB 5009.24	<0.075
Total Arsenic (as As) / (mg/kg)	≤0.1	GB 5009.11	<0.01
Lead (Pb) / (mg/kg)	≤0.08	GB 5009.12	<0.02
Mercury (Hg) / (mg/kg)	≤0.05	GB 5009.17	<0.003
Aerobic plate count / (CFU/g)	n=5, c=2, m=5×10^2, M=10^3	GB 4789.2	<10, <10, <10, <10, 20
Coliforms / (CFU/g)	n=5, c=2, m=10, M=10^2	GB 4789.3	<10, <10, <10, <10, <10
Moulds and Yeasts / (CFU/g)	n=5, c=0, m=25	GB 4789.15	<10, <10, <10, <10, <10
Salmonella	n=5, c=0, m=0/25g	GB 4789.4	NG, NG, NG, NG, NG
Enterobacteriaceae / (CFU/g)	n=5, c=0, m=10	GB 4789.41	<10, <10, <10, <10, <10
Cronobacter spp.	n=5, c=0, m=0/100g	GB 4789.40	NG, NG, NG, NG, NG
Staphylococcus aureus	n=5, c=0, m=0/25g	GB 4789.10	NG, NG, NG, NG, NG
Bacillus cereus / (CFU/g)	n=5, c=0, m=100	GB 4789.14	<10, <10, <10, <10, <10
Shigella	n=5, c=0, m=0/25g	GB 4789.5	NG, NG, NG, NG, NG
Beta-hemolytic Streptococci	n=5, c=0, m=0/25g	GB 4789.11	NG, NG, NG, NG, NG
Net weight / (kg)	5 kg/bag, allow shortage 75.0 g	JJF 1070	5.013
Conclusion	The batch conforms to the product specification for DHA Algal Oil Powder and is determined to be qualified.		

Note: NG indicates negative or not detected.

Report Date: 2026-01-14

QC Analyst: _____ Date: 2026-01-14

Reviewer: _____ Date: 2026-01-14

QA Manager: _____ Date: 2026-01-14



Sample document — this page reproduces the test data of the batch referenced above. Every batch ships with its own batch COA.