Wuhan Newcent Biotechnology Co., Ltd.

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Certificate of Analysis (Sample)

Product Name: DHA Algal Oil Powder
Product Type: Type I
Product Batch: 20261108
Product Date: 2026-11-08
Weight: 410.085 kg
Shelf Life: 2028-11-07
Report Date: 2026-11-14

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)	≥20.0	GB 5009.168	21.6
EPA Content / (g/100g)	≤1.0	GB 5009.168	0.20
Moisture / (g/100g)	≤5.0	GB 5009.3	1.69
Ash / (g/100g)	≤5.0	GB 5009.4	2.5
Surface oil / (g/100g)	≤1.0	In-house method	0.52
Peroxide Value / (g/100g)	≤0.13	GB 5009.227	0.00065
Tap Density / (g/cm3)	0.4–0.6	ISO 8967:2005	0.46
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	45, 50, 35, 30, 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=10	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)	1 kg/bag, allow shortage 15.0 g	JJF 1070	1.004
Conclusion	The batch conforms to the product specification for DHA Algal Oil Powder and is determined to be qualified.		

Note: NG indicates negative.

Report Date: 2026-11-14

QC Analyst: _____ Date: 2026-11-14

Reviewer: _____ Date: 2026-11-14

QA Manager: _____ Date: 2026-11-14



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