

Certification of Analysis

Product	DHA powder	Specification	17% S (from alga) microencapsulated	Quantity	250kg
Manufacturing date	2025/10/31	Expiry / Retest date	2027/10/30		
Batch No	2025103108	Qualified : √	Unqualified: ×		
Test items	Unit	Requirement	Result	Qualified	
1.Sensory					
Appearance	/	Homogeneous dry powder with good fluidity, no conglutination, no caking or deliquescence	Homogeneous dry powder with good fluidity, no conglutination, no caking or deliquescence	√	
Color	/	Homogeneously white or light yellow	Homogeneously white or light yellow	√	
Taste & Odor	/	Slightly odor. No rancid and peculiar flavor	Slightly odor. No rancid and peculiar flavor	√	
2. Physical					
Powder particle size	/	100% Pass 20Mesh	100% Pass 20Mesh	√	
Moisture	%	≤ 5	3.3	√	
Peroxide value	meq/kg	≤2.0	0.86	√	
3. Nutritions					
DHA content (in the powder)	%	≥17	18.10	√	
Protein content(in the powder)	%	0	0.00	√	
4. Heavy metals&Pollutant					
Lead	ppm	≤2	<0.05ppm	√	
Arsenic	ppm	≤2	<0.03ppm	√	
Cadmium	ppm	≤1	Not detected	√	
Mercury	ppm	≤ 0.1	Not detected	√	
6. Microbiological					
Total aerobic bacterial count	CFU/g	≤1000	<1000	√	
Coliforms.	CFU/g	≤ 10	≤ 10	√	
Yeasts	CFU/g	≤10	<10	√	
Moulds	CFU/g	≤100	<100	√	
Inspection conclusion: Conform					
Note:					