

Certification of Analysis

Product	17% DHA Powder S	Specification	(from alga) microencapsulated	Quantity	430kg
Manufacturing date	2025/4/22		Expiry / Retest date	2027/4/21	
Batch No	MDHA-SM		Qualified : \checkmark	Unqualified: \times	
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	\checkmark	
Color	/	Homogeneously white or light yellow	Homogeneously white or light yellow	\checkmark	
Taste & Odor	/	Slightly odor. No rancid and peculiar flavor	Slightly odor. No rancid and peculiar flavor	\checkmark	
2. Physical					
Powder particle size	/	100% Pass 20Mesh	100% Pass 20Mesh	\checkmark	
Moisture	%	≤ 5	1.91	\checkmark	
Acid Value	KOH/g	≤ 1.0	0.27	\checkmark	
Peroxide value	meq/kg	≤ 2.0	0.79	\checkmark	
3. Nutritions					
DHA content (in the powder)	%	≥ 17	22.98	\checkmark	
Protein content(in the powder)	%	0	0.00	\checkmark	
4. Heavy metals&Pollutant					
Lead	ppm	≤ 0.1	Not detected	\checkmark	
Arsenic	ppm	≤ 0.1	Not detected	\checkmark	
Cadmium	ppm	≤ 0.5	Not detected	\checkmark	
Mercury	ppm	≤ 0.1	Not detected	\checkmark	
6. Microbiological					
Total aerobic bacterial count	CFU/g	≤ 1000	<1000	\checkmark	
Coliforms.	CFU/g	≤ 10	≤ 10	\checkmark	
Yeasts	CFU/g	≤ 10	<10	\checkmark	
Moulds	CFU/g	≤ 100	<100	\checkmark	
Inspection conclusion: Conform					
Note:					
Analysis: chenhong			Verification: zhaoyan		