

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Dunaliella Salina Powder	<b>Batch Number:</b>	YT20240118
<b>Botanical Source:</b>	Dunaliella Salina	<b>Manufacture Date:</b>	Jan.18,2024
<b>Plant part used:</b>	Whole herb	<b>Analysis Date:</b>	Jan.21,2024
<b>Quantity:</b>	300kgs	<b>Expire Date:</b>	Jan.17,2026

ITEM	STANDARD	TEST RESULT	TEST METHOD
β-Carotene	≥2.0%	2.13%	HPLC
Protein	≥25.0%	25.21%	Kjeldahl Nitrogen
<b>Physical &amp; Chemical</b>			
Appearance	Tawny to orange powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Particle Size	98% pass 80 mesh	Complies	USP36<786>
Loss on Drying	≤7.0%	5.15%	USP36<731>
Ash	≤20.0%	6.50%	USP36<281>
Solvents Residue	Meet USP standard	Complies	USP36<476>
<b>Heavy Metal</b>			
Pb	≤1.0ppm	0.23ppm	ICP-MS
As	≤1.0ppm	0.39ppm	ICP-MS
Cd	≤0.5ppm	0.01ppm	ICP-MS
Hg	≤0.1ppm	0.01ppm	ICP-MS
<b>Microbiological Test</b>			
Total Plate Count	≤1,000cfu/g	<600cfu/g	AOAC
Mold and Yeast	≤300cfu/g	<40cfu/g	AOAC
Coliforms	Negative	Negative	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus	Negative	Negative	AOAC
Shigella	Negative	Negative	AOAC
<b>Conclusion</b>	Conform with specification,Non-irradiation,Non-GMO,Allergen Free, BSE/TSE Free		
<b>Storage</b>	Store in cool and dry places. Keep away from strong light and moisture		
<b>Packing</b>	By 25kgs/Drum, inner by double plastic bag		
<b>Shelf Life</b>	24 months under the above condition,and in it's original package		

**Quality Assurance Officer: Weiqiang Hu**



China Yuantai Biological Technology Co., Ltd. Zou