

CERTIFICATE OF ANALYSIS

Product name:	Haematococcus pluvialis powder		
Batch Number:	NF-20210409	Manu. Date:	April,09, 2021
Batch Size:	420kg	Expiration Date:	April,08, 2023
Net Weight:	20kg	Report Date:	April,09, 2021
Storage Condition:	Store in a well-closed and dry place with constant room temperature and Non-direct sunlight.		

Items	Specifications	Results
Assay(Total astaxanthin)	≥3.0%	3.18% by HPLC
Appearance	Dark red powder	conforms
Odor	Odorlessness	conforms
Moisture and volatiles	≤10.0%	2.94%
Ash	≤15.0%	1.51%
Pb	≤1.0ppm	0.31ppm
As	≤1.0ppm	0.34ppm
Hg	≤0.1 ppm	Negative
Cd	≤1.0ppm	Negative
Total Plate Count	≤10000cfu/g	7900
E.coli	≤0.92MPN/g	Negative
Yeast&Mold	≤50cfu/g	Negative
salmonella	Negative	Negative
Staphylococcus aureus	Negative	Negative
Conclusion	The product complies with In-house standard.	
Tested by:	Mr. Fangchao Yang	Approved by: Mr.Jicheng Niu

