



### Certificate of Analysis

Product Name	Haematococcus pluvialis Extract		
Quantity	100kgs	Specification	10% Astaxanthin
Test Date	2025-12-02	Batch No.	SOST251201001
Manufacturing Date	2025-12-01	Expiry Date	2027-11-30

Item	Specification	Method	Result
Appearance	Dark red oleoresin, not empyreumatic, not rancid, not peculiar, not visible impurities.	Q/SGY 001	Complies
Astaxanthin HPLC(%)	≥10.00	HPLC	10.11
Moisture(%)	≤5.0	GB 5009.236-2016	0.07
Ash(%)	≤15.0	GB 5009.4-2016	0.07
Lead(mg/kg)	≤1.0	GB5009.12-2017	0.1
Arsenic(mg/kg)	≤1.0	GB5009.11-2014	0.18
Mercury(mg/kg)	≤0.1	GB5009.17-2014	Not detected
Cadmium(mg/kg)	≤0.1	GB5009.15-2014	Not detected
Total Plate Count(cfu/g)	≤30000	GB 4789.2-2016	≤100
Coliforms ( mpn/g)	≤0.92	GB4789.3-2016	Not detected
Mould and Yeast(cfu/g)	≤300	GB 4789.15-2016	≤100
Salmonella/25g	Not detected	GB 4789.4-2016	Not detected
S.Aureus,Shigella	Not detected	GB 4789.10-2016	Not detected
Conclusion	Comply with the specification.		
Storage	Store in a well ventilated and dry place, protected from light and sealed.		
Validity	24 months		
Others	After opening, please use it immediately, if not please pack it in vaccum.		

