

CERTIFICATE OF ANALYSIS

Product Name	Astaxanthin	Country of Origin	China
Batch Number	SOST2023060501	Manu. Date	Nov,10th, 2023
Batch Quantity	500KG	Expiration Date	Nov, 9th, 2025
Items	Specifications	Results	Method
Appearance	Dark Red fine powder	Complies	Visual
Assay	≥5%	5..5%	HPLC
Odor	Characteristic	Complies	Organoleptic
Identification	Conform with reference	Complies	Organoleptic
Mesh Size	100% pass 80 mesh	Complies	80mesh screen
Moisture Content	≤ 1.0%	0.21%	GB5009.3-2016
Heavy Metals	≤ 10 ppm	< 10ppm	GB 5009.3
Arsenic (As)	≤ 1.5 ppm	< 0.005 ppm	GB 5009.4
Lead (Pb)	≤ 2 ppm	0.0711 ppm	GB 5009.11
Cadmium (Cd)	≤1ppm	< 0.005ppm	GB 5009.12
Mercury (Hg)	≤1ppm	< 0.003ppm	GB 5009.17
Total Plate Count	≤10000 cfu/g	< 10	GB 5009.15
Yeast and Mold	≤100 cfu/g	< 10	GB 5009.3
Escherichia Coli	< 10cfu/g	< 10	GB 5009.4
Salmonella/25g	Absent	Not detected	GB 5009.11

QC MANAGER:Feng Li

ANALYST:Guo Shan

