

Certificate of Analysis

Product Name	Astaxanthin 10%	Batch Number	YG20210319
CAS No.	472-61-7	Manufacture Date	20210319
Packing	25kg/Drum	Analysis Date	20210322
Quantity	500kg	Expiry Date	20230318

ITEMS	SPECIFICATION	RESULTS
Assay	≥10.0%	10.70%
Physical & Chemical		
Appearance	Violet-brown to violet-red free flowing microcapsule	Complies
Particle size	95% pass 20 mesh	Complies
Loss on Drying	≤6.0%	3.90%
Loss on Ignition	≤0.2%	0.09%
Heavy metals		
Total Heavy Metals	≤10ppm	Complies
As	≤2ppm	Complies
Pb	≤2ppm	Complies
Microbiological		
Total Plate Count	≤1,000cfu/g	<10cfu/g
Mold and Yeast	≤100cfu/g	<10cfu/g
E.Coli	≤10cfu/g	<0.3cfu/g
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
Conclusion	Conform with specification	
Storage	Store in cool and dry places. Keep away from strong light and heat.	
Packing	By 25kgs/Drum, inner by double plastic bag	
Shelf Life	24 months under the above condition, and in it's original package	

