

Certificate of Analysis

Product Name	Astaxanthin	Batch No.	RW21042501
Quantity	500kg	Manufacturer Date	Apr. 25, 2022
Expiry Date	Apr. 24, 2024	Date of Certificate	Apr. 28, 2022
ITEMS OF ANALYSIS		SPECIFICATIONS	RESULTS
Appearance		Dark red powder	Dark red powder
Odor/taste		Characteristic	Complies
Astaxanthin		≥1.0%	1.05%
Loss on drying		≤5.0%	2.34%
Sulphated ash		≤5.0%	2.1%
Heavy Metal		≤10PPM	<7PPM
Arsenic		<1.0PPM	<0.2PPM
Cadmium		≤1.0PPM	<0.05PPM
Lead		≤1.0PPM	<0.1PPM
Mercury		<0.1PPM	<0.02PPM
Mesh size		100% pass 80 mesh	Complies
Microbiology			
Total plate count		≤1000cfu/g	<1000cfu/g
Yeast& Mould		≤100cfu/g	<100cfu/g
E. Coli		Absent	Absent
Salmonella		Absent	Absent
Conclusion		The analytical results comply with the specification	
Packing		25kg/paper drum	
Storage		Store in sealed containers at cool & dry place. Protect from light and moisture.	
Shelf life		2 years when properly stored	

