

Certificate of Analysis

Product Name	Astaxanthin Powder 5% (Haematococcus pluvialis powder)		
Batch Number	HJ20211203	Manufacture Date	20211203
Specification No.	SA050P	Analysis Date	20211305
Quantity	500kg	Expiry Date	20231202

ITEMS	SPECIFICATION	METHOD
Assay	≥5%	UV
Physical & Chemical		
Appearance Odour	Red or dark red powder	
Ash	Seaweed freshness	
Loss on drying	≤5.0%	GB 5009.4 - 2010
Appearance Odour	≤5.0%	GB/T 5228 - 2008
Heavy metals		
Lead	≤1.0 ppm	GB 5009.12 - 2012
Arsenic	≤1.0 ppm	GB 5009.11 - 2014
Mercury	≤0.1 ppm	GB 5009.17 - 2014
Cadmium	≤1.0 ppm	GB 5009.15 - 2014
Microbiological		
Total Plate Count	≤10,000 CFU/g	GB 4789.2 - 2010
Yeast and Mold	≤100 CFU/g	GB 4789.15 - 2010
Coliforms	≤0.92 MPN/g	GB 4789.3 - 2010
E. Coli	Negative in 1 g	GB 4789.3 - 2010
Salmonella	Negative in 25g	GB 4789.4 - 2010
Safety Information	This product is safe for intended use. It is produced from a toxic-free microalgae Haematococcus pluvialis.	
Storage	Sealed in original packaging and use it as quick as possible once opened. Recommended to store under 4℃. Shipment can be handled at room temperature.	
Shelf Life	24 months in recommended storage condition	