

CERTIFICATE OF ANALYSIS

Product Name	Spirulina Extract (Phycocyanin)		
Batch Number	BH240411ZL	Quantity	1500KG
Manufacture Date	2024-04-11	Analysis Date	2024-04-12
Used Part	Spirulina	Expiry Date	2026-04-10

Items	Standards	Results	Method
Physical and chemical analysis :			
Description	Blue Fine Powder	Qualified	Visual
Mesh Size	100 %pass 80 mesh	Qualified	CP2015
Assay	protein \geq 55%	60.11 %	Kjeldahl Method
Color Value	\geq E25	\geq E25	\geq E25
Ash Content	\leq 5.0%	1.20 %	CP2015
Loss on Drying	\leq 8.0%	3.65 %	CP2015
Purity	\geq 1.5	2.96	UV(A620nm/A280nm)
pH	pH 5-7	Conforms	1g in distilled water100ml
gluten	\leq 20.0mg/kg	Qualified	Qualified
Residue analysis :			
Heavy Metal	\leq 10ppm	Qualified	CP2015
Pb	\leq 2 ppm	Qualified	GB/T 5009.12-2003
As	\leq 2 ppm	Qualified	GB/T 5009.11-2003
Hg	\leq 0.5ppm	Qualified	GB/T 5009.15-2003
Cd	\leq 1ppm	Qualified	GB/T 5009.17-2003
Pesticides Residue	Meet USP Requirements	Qualified	USP34 <561>
Microbiological :			
Total Plate Count	\leq 1000cfu/g	Qualified	AOAC990.12,16th
Yeast&Mold	\leq 100cfu/g	Qualified	AOAC996.08、991.14
E.coil	Negative	Negative	AOAC2001.05
Salmonella	Negative	Negative	AOAC990.12
General Status:			
GMO Free	Complies	Complies	
Non-Irradiation	Complies	Complies	
General Information:			
Conclusion	Conform to specification.		
Packing	Packed in paper-drums and two plastic-bags inside. N.W:25kgs		
Storage	Keep in cool & dry place. Keep away from strong light and heat.		
Shelf life	24 months under the conditions above and in its original packaging.		
Sterilization	High temperature.		

