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CERTIFICATE OF ANALYSIS

Product Name	Spirulina powder		
Batch Number	BH240315BE	Quantity	1000KG
Manufacture Date	2024-03-15	Analysis Date	2024-03-17
Used Part	Whole Plant	Expiry Date	2026-03-12

Items	Standards	Results	Method
Physical and chemical analysis:			
Description	Dark green powder	Qualified	Visual
Particle size	≥95% pass 80mesh	Qualified	80 mesh screen
Odor&Taste	Characteristic	99.6%	Organoleptic
Assay	protein≥60%	60.52%	Kjeldahl
Identification	Qualified with TLC	Qualified	TLC
Ash Content	≤8.0%	6.81%	Eur.Ph.6.0[2.4.16]
Water	≤7.0%	6.49%	Eur.Ph.6.0[2.4.16]
Residue analysis:			
Heavy Metal	≤10ppm	Qualified	CP2015
Pb	≤3ppm	Qualified	GB/T 5009.12-2003
As	≤2ppm	Qualified	GB/T 5009.11-2003
Hg	≤0.1ppm	Qualified	GB/T 5009.15-2003
Cd	≤1ppm	Qualified	GB/T 5009.17-2003
Microbiological:			
Total Plate Count	≤5000cfu/g	200cfu/g	AOAC990.12,16th
Yeast&Mold	≤100cfu/g	<10cfu/g	AOAC996.08
E.coil	Negative	Negative	AOAC2001.05
Salmonella	Negative	Negative	AOAC990.12
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.		

Tested by: Tony Liu

Approved by: Mike He

Certified by: Albert Li