

Certificate of Analysis

Product Name	Phycocyanin (E18)		
Batch No.	ZLDB20211223	Manufacturing Date	Dec.23th,2021
Batch Quantity	2,500kg	Expiration Date	Dec.22th,2023

Item	Specification	Result	Method
Color Value(10% E618nm)	>180unit	185unit	Spectrophotometer
Physical Description			
Appearance	Blue powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Solubility	Water Soluble	100% Water Soluble	Visual
PH	5.5~6.5	6.2	PH Meter
Particle Size (80 mesh)	100% pass 80mesh	Conforms	80 mesh screen
Loss on Drying	≤5.0%	4.12%	GB5009.3
Ash Content	≤5.0%	3.68%	GB5009.4
Heavy metals			
Total Heavy Metals	≤10ppm	Conforms	Atomic Absorption
As	≤1ppm	Conforms	Atomic Absorption
Pb	≤1ppm	Conforms	Atomic Absorption
Cd	≤0.2ppm	Conforms	Atomic Absorption
Hg	≤0.1ppm	Conforms	Atomic Absorption
Microbiological Tests			
Total Plate Count	≤1,000cfu/g	Conforms	Bacterial culture
Total Yeast & Mold	≤100cfu/g	Conforms	Bacterial culture
E. Coli	Negative	Negative	Bacterial culture
Salmonella	Negative	Negative	Bacterial culture
Pathogenic Bacteria	Negative	Negative	Bacterial culture
Statement	Non-GMO, Non-Irradiate		
Packing & Storage	Packed in paper-drums and two plastic-bags inside. Store in a well-closed container Away from moisture, light, oxygen.		
Shelf life	Two years when stored properly.		

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Check: Pengpeng

Analyst: GuoShan

