

Certificate of Analysis

Product name	Sodium Copper Chlorophyllin	
Batch number	YLS20220120	
Quantity	300 Kgs	
Manufacturing date	2022.01.20	
Shelf life	24 Months	
Expiry date	2024.01.19	
Package	25 Kg/Drum	
Item	Specification	Result
Characteristics	Dark Green Fine Powder	Conforms
Identification		
Absorptance	539.6 min.	560.61
Assay	95% min.	98.7%
Ratio(A ₄₀₅ /A ₆₃₀)	3.0-3.9	3.48
Other Components		
Total Copper	≥ 4.25%	5.00%
Chelated Copper	≥ 4.0%	4.88%
Sodium	5%-7% on dried basis	5.7%
Nitrogen Determination	≥ 4.0%	4.9%
Impurities		
Limit of Ionic Copper	≤ 0.25% on dried basis	0.02%
Residue on Ignition	≤ 30% on dried basis	24.2%
Arsenic	≤ 2ppm	0.3ppm
Lead	≤ 1ppm	0.23ppm
Cadmium	≤ 1ppm	0.17ppm
Mercury	≤ 1ppm	0.16ppm
Iron	≤ 0.50%	0.15%
Specific Tests		
Total Plate Count	≤ 1000 cfu/g	Conforms
Yeast	≤ 100 cfu/g	Conforms
Mould	≤ 100 cfu/g	Conforms
Salmonella	Negative	Conforms
E.Coli.	Negative	Conforms
PH	9.5-10.7 (in a solution 1 in 100)	10.2
Loss on Drying	≤ 5% (at 105°C for 2hours)	3.8%
Test for Fluorescence	None	Conforms
Reference Standard	USP40	Conforms

Storage: Store in a cool,dry place away from Moisture, Light, Oxygen
 Shelf life : 24 months under the conditions below, no antioxidant used

QC : Guo Shan

QA : Feng Li

