



Certificate of Analysis

Product name	Sodium copper chlorophyllin	Manufacture date	Jan.13.2025
Batch number	FQ250113	Analysis date	Jan.15.2025
Batch quantity	500kg	Expiry date	Jan.13.2027

Item	Specification	Results
Appearance	Dark green fine powder	Complies
Sodium copper chlorophyllin	98% min	101.5%
E1% 1% 1cm405nm Absorptance	≥568	577
Extinction Ratio	3.0-3.9	3.8
Total Copper %	≤8.0	4.6
Nitrogen determination %	≥4.0	4.8
Sodium %	5.0%-7.0% on dried base	5.9
Limit of ionic copper %	≤0.25% on dried base	0.012
Residue on ignition %	≤30 on dried base	26.5
Arsenic	≤3.0ppm	0.4ppm
Lead	≤5.0ppm	0.5ppm
Mercury	≤1ppm	0.21ppm
Iron %	≤0.5	0.06
PH (1% solution)	9.5-10.7(in a solution 1 in100)	10.4
Loss Drying %	≤5.0(at 105 °C for 2 hours)	2.6
Test for fluorescence	No fluorescence is visible	Complies
Total Plate Count cfu/g	≤1000	Complies
Yeast cfu/g	≤100	Complies
Mold cfu/g	≤100	Complies
Salmonella	Not detected in 25g	Negative
E. Coli	Not detected in 25g	Negative

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

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Analyst: 孟

