



## Xi'an Green Spring Technology Co.,Ltd

### Certificate of Analysis

<b>Product Name</b>	Sodium Copper Chlorophyllin	<b>Lot No.</b>	230225GS
<b>Quantity</b>	100kg	<b>Analysis Date</b>	2023/02/25
<b>Manufacture Date</b>	2023/02/25	<b>Expire date</b>	2025/02/24

Item	Specification(USP-40)	Results
Appearance	Dark green powder	Dark green powder
E1% <sub>1cm</sub> 405nm	≥537 (95%)	572(100.5%)
Extinction ratio	3.0-3.9	3.55
PH	9.5-10.7	10.64
Fe	≤0.50%	0.019%
Lead	≤2mg/kg	0.57mg/kg
Arsenic	≤3mg/kg	0.51mg/kg
Residue on ignition	≤30%	23.5%
Loss on drying	≤5%	2.36%
Test for fluorescence	None	None
Test for microbial	Absence of Esherichia Coli and Salmonella Species	Absence of Esherichia Coli and Salmonella Species
Total copper	≥4.25%	4.34%
Free copper	≤0.025%	0.022%
Chelated copper	≥4.0%	4.32%
Nitrogen content	≥4.0%	4.65%
Sodium content	5%-7.0%	5.87%

<b>Storage</b>	Cool & dry place. Do not freeze. Keep away from light & heat.
<b>Shelf life</b>	Two years when the product must be not opened and stored in dark place and the temperature remains bellowing at 18 degrees Celsius.

Quality Assurance: Liang Yan

