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V2.01-2021

Certificate of Analysis

Product Information

Product Name	Sodium Copper Chlorophyllin	Report Number	SCC20240330
Batch Number	SCC240305	Manufacture Date	2024/03/05
Batch Quantity	800Kg	Expiry Date	2026/03/04

Test Items	Test Standard	Test Result
Appearance	Dark Green Powder	Conforms
Absorptance (405nm)	≥ 565 (100.0%)	583.5 (103.5%)
Extinction Ratio	3.0 ~ 3.9	3.4
Iron	$<0.5\%$	0.04%
Total Copper	$\geq 4.25\%$	4.59%
Free Copper	$\leq 0.25\%$	0.019%
Chelated Copper	$\geq 4.0\%$	4.27%
Nitrogen Content	$\geq 4.0\%$	4.46%
Sodium Content	5.0% ~ 7.0%	5.73%
pH Value	9.5 ~ 10.7	10.2
Residue on Ignition	$\leq 30\%$	20.33%
Loss on Drying	$\leq 5.0\%$	2.25%
Lead	$<10.0\text{mg/kg}$	0.20mg/kg
Arsenic	$<3.0\text{mg/kg}$	0.16mg/kg
Test for Fluorescence	None	Conforms
Test for Microbe	Absence of Escherichia Coli and Salmonella Species	Conforms

Conclusion

Conclusion	To be complied with in-house Specification and USP40.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明

Approved:

