

## Certificate of Analysis

<b>Product Name</b>	Sodium copper chlorophyllin	<b>Batch No.</b>	M23M08255
<b>CAS No.</b>	11006-34-1	<b>MFG. Date</b>	Aug 24c, 2023
<b>CAT No.</b>	I000415	<b>Retest Date</b>	Apr, 2025
<b>Items</b>	<b>Specification</b>	<b>Results</b>	
<b>Appearance</b>	Dark green fine powder	Conforms	
<b>Absorptance</b>	568 min.	570	
<b>Assay</b>	100% min.	100%	
<b>Ratio(A405/A630)</b>	3.0-3.9	3.8	
<b>Content of total copper</b>	Not less than 4.25%	4.60%	
<b>Content of chelated copper</b>	Not less than 4.00%	4.59%	
<b>Content of sodium Nitrogen determination</b>	5%-7% on dried basis	4.7%	
<b>Limit of ionic copper</b>	Not more than 0.25% on dried basis	0.01%	
<b>Residue on ignition</b>	Not more than 30% on dried basis	28%	
<b>Arsenic</b>	Not more than 3ppm	0.5ppm	
<b>Lead</b>	Not more than 10ppm	0.5ppm	
<b>Iron</b>	Not more than 0.50%	0.06%	

<b>Total plate count</b>	NMT 1000cfu/g	<10cfu/g
<b>Yeast</b>	NMT 100cfu/g	<10cfu/g
<b>Mould</b>	NMT 100cfu/g	<10cfu/g
<b>Salmonella</b>	Absence	Conforms
<b>E.Coli.</b>	Absence	Conforms
<b>PH</b>	9.5-10.7	10.2
<b>Loss on drying</b>	Not more than 5%	2.9%
<b>Test for fluorescence</b>	No fluorescence is available	Conforms
<b>Conclusion</b>	Corresponds.	
<b>Storage Condition</b>	Keep container tightly closed in a dry and well-ventilated place.	

**QC:**

*Alex Foster*

**QA:**

*Felix Hobart*