



Nature Connecting Health

# Aktin Chemicals, Inc.

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## CERTIFICATE OF ANALYSIS

<b>Description</b>	Chlorophyllin sodium complex		
<b>CAS#</b>	15203-43-7	<b>MW</b>	684.92 g/mol
<b>MF</b>	C <sub>34</sub> H <sub>31</sub> MgN <sub>4</sub> Na <sub>3</sub> O <sub>6</sub>	<b>Manufacture date</b>	Oct.26, 2023
<b>Batch#</b>	0200715-231001A	<b>Quantity</b>	25.5kg

ITEMS	SPECIFICATIONS	RESULTS	METHODS
<b>Appearance</b>	Black Green powder	Conform	Visual
<b>pH</b>	9.5-11.0	10.25	USP<791>
<b>Extinction ratio: (E<sub>405nm</sub>/E<sub>655nm</sub>)</b>	4.0-6.0	4.71	UV
<b>E<sub>1cm</sub><sup>1%</sup><sub>405nm</sub></b>	≥568	673.2	UV
<b>Lead</b>	≤5.0mg/kg	0.25mg/kg	ICP-MS
<b>Arsenic</b>	≤2.0mg/kg	0.16mg/kg	ICP-MS
<b>Loss on Drying</b>	≤5.0%	2.58%	USP<731>
<b>Conclusion</b>	<b>The product conforms with specifications.</b>		

**Storage:** Store in a cool & dry place, keep away from strong light and heat.

**Stability:** 24 months when properly stored.

**Packing:** Packed in paper-drums with two food grade plastic-bags inside, 25kg/Drum or as requested.

Analyzed by: *Ding Yan Yang*

Date: Oct.27, 2023

Approved by: *Dong Wen*

Date: Oct.27, 2023