



**Certificate of Analysis**

<b>Product name</b>	Chrysophanol	<b>Manufacture date</b>	Oct.23.2023
<b>Batch number</b>	SW231023	<b>Analysis date</b>	Oct.24.2023
<b>Batch quantity</b>	300kg	<b>Expiry date</b>	Oct.23.2025

Items	Standards	Results
Assay	≥98% Chrysophanol / Chrysophanic Acid	99.36%
Used Part	Rheum palmatum L Root	Complies
Appearance	Yellow powder	Yellow powder
Odor &Taste	Characteristic	Characteristic
Test Method	HPLC	HPLC
<b>Physical Characteristics</b>		
Sieve Analysis	NLT 100% pass 80 mesh	80 mesh
Loss on Drying	≤4.0%	≤4.0%
Ash Content	≤2.0%	≤2.0%
<b>Residual Solvents</b>		
Ethanol	≤5000ppm	Complies
Total Heavy Metals	≤20ppm	0.26%
<b>Microbiological Assay</b>		
Total Plate Count	1000cfu/g	Complies
Total Yeast & Mold	100cfu/g	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

<b>Packing description</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage</b>	Store in a cool and dry place, stay away from strong light and heat
<b>Shelf life</b>	2 years when properly stored

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