



## CERTIFICATE OF ANALYSIS

Product Name: Lutein Latin Name: Tagetes Erecta L  
Batch Number: 20240113 Batch Quantity: 150KG  
Manufacture Date: 2024-01-13 Expiry Date: 2026-01-12

ITEMS	SPECIFICATION	RESULTS
Appearance	Orange yellow powder	Orange yellow powder
Assay (by HPLC)	Lutein NLT 5.0%	5.73%
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Particle Size	95% pass through 60 mesh	Conforms
Loss on drying	5.0% Max	2.63%
Residual on Ignition	2.0% Max	0.52%
Residual Ethanol	≤5000cfu/g	Conforms
<b>Heavy metals</b>		
As	1.0 ppm Max	Conforms
Pb	1.0 ppm Max	Conforms
Hg	0.1 ppm Max	Conforms
Cd	1.0ppm Max	Conforms
Total Plate Count	1000 cfu/g Max	Conforms
Yeast & Mold	100 cfu/g Max	Conforms
E-Coli	Absence/10g	Conforms
Salmonella	Absence/10g	Conforms
Staphylococcus Aureus	Absence/10g	Conforms
Aflatoxins	≤20 μ g/kg	N.D(<0.5 μ g/kg)
<b>Conclusion</b>	Comply with In house Standard.	
<b>Storage</b>	Store in cool & dry place, keep away from strong light and heat.	

Shawn  
Analyst

Rick  
Approved

Whip  
Header of QC