

Certificate of Analysis

Product Name:	Lutein 5% CWS Powder	Batch No:	101230601
Latin:	Tagetes erecta L	Quantities:	220kg
Model:	/	Manufacture	2023-06-17
Report Date:	2023-06-23	Best Before Date:	2025-06-16

Analysis Item	Specification	Result	Test Method
Appearance	Orange-red Powder and free of impurities	Conforms	Sense
Odor	Characteristic	Conforms	
Particle size	90%Pass 60 mesh	Conforms	Sieve
Total carotenoids(UV)	≥5.0%	5.4%	USP43<857>
Lutein(HPLC)	≥5.0%	5.1%	USP43<621>
Zeaxanthin(HPLC)	≤0.4%	0.22%	USP43<621>
Water Determination	≤5.0%	3.5%	USP43<921>
Residue on Ignition	≤1.0%	0.11%	USP43<281>
N-hexane	≤10mg/kg	Not detected	USP43<257>
Lead (Pb)	≤1mg/kg	<0.04mg/kg	USP43<251>
Arsenic (As)	≤1mg/kg	<0.04mg/kg	USP43<211>
Total Plate Count	≤1000CFU/g	<10CFU/g	
Total Yeasts and Molds Count	≤50cfu/g	<10CFU/g	
E.Coli	Negative (/10g)	Not detected	USP43<2023>
Salmonella	Negative (/10g)	Not detected	
Staphylococcus aureus	Negative (/10g)	Not detected	

Conclusion: Conforming to be the quality standard.


Packaging: The inner packing is vacuum aluminum foil,the outer packing is caedboard bucket.

Storage Condition: Store in a cool dry place out of direct sunlight.

Lister: _____



Recheck: _____



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