



Certificate of Analysis

Product name	Lutein	Manufacture date	Sep.28.2023
Batch number	SW230928	Analysis date	Sep.29.2023
Batch quantity	800kg	Expiry date	Sep.28.2025

Analysis Item	Specification	Test results
Appearance	Orange Yellow powder	Conforms
Assay	≥80%	80.15%
Loss on Drying	≤5.0%	1.10%
Loose Density	0.4-0.7g/ml	0.5g/ml
Tapped Density	0.6-1.0g/ml	0.68g/ml
Hexane	≤50ppm	Conforms
Ethanol	≤500ppm	Conforms
Heavy Metal	≤10.0mg/kg	Conforms
Moisture Content	≤1%	0.51%
Ash content	≤1%	0.43%
Solvent	≤50ppm	18ppm
Pb	≤3.0mg/kg	Conforms
As	≤3.0mg/kg	Conforms
Hg	≤0.1mg/kg	Conforms
E.Coli	Negative	Conforms
Total Plate Count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
Conclusion	Conforming to Enterprise Standard	

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

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 方琼

