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Nutripharma

陕西康盛生物技术有限公司

SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.

Add: Rm 801-802, Fuedun International Fortune Center, Wenjing Rd, Xi'an 710016 China

Tel: 029-86181961

Fax: 029-86181551

www.kingsci.com

Certificate of Analysis

Product Name:	Lutein Powder (Marigold Extract)		
Botanical Name:	<i>Tagetes erecta L.</i>	Used Part:	Flower
Batch No.:	KSLU260415	Specification:	5%HPLC
Manufacture Date:	Apr., 15, 2026	Expiry Date:	Apr., 14, 2028
Original			
ITEMS	SPECIFICATIONS	RESULTS	METHODS
Appearance	Orange powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Lutein content	≥ 5.0%	5.20%	HPLC
Loss on drying	≤ 5.0%	3.85%	GB 5009.3
Granular size	≥ 95% Pass 80 mesh sieve	Complies	80 mesh sieve
Ash	≤ 5.0%	0.78%	GB 5009.4
Heavy metals			
As	≤ 2ppm	Complies	ICP-MS
Pb	≤ 2ppm	Complies	ICP-MS
Cd	≤ 1ppm	Complies	ICP-MS
Hg	≤ 0.1ppm	Complies	ICP-MS
Solvent residual			
Hexane	≤ 50ppm	Complies	GC
Eanthol	≤ 500ppm	Complies	GC
Microbiological control			
Total plate count	≤ 1000cfu/g	Complies	GB 4789.2
Yeast & mold	≤ 100cfu/g	Complies	GB 4789.15
E.Coli	Negative	Complies	GB 4789.38
Salmonella	Negative	Complies	GB 4789.4
S.aureus	Negative	Complies	GB 4789.10
Storage:	Store in cool & dry place, keep away from strong light and heat		
Shelf life:	24 months when properly stored		
Attention:	After opening, please use it immediately; if not, please pack it in vacuum.		
QC	Yaqiang Li	QA	Jiaojiao Qu