



Trafa Pharmaceutical Inc.

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SPECIFICATION SHEET

Product:	Lutein (Marigold) 20%		
Botanical Name:	Tagetes Erecta L		
Country of Origin:	China	CAS#	127-40-2
Content	Specification		Methods
Appearance:	Orange yellow powder		Visual
Particle Size:	80 mesh		80 mesh screen
Part Used:	Marigold flower		
Chemical Formula:	C ₄₀ H ₅₆ O ₂		
Molecular Weight:	568.88		
Lutein:	>20%		UV
Loss on Drying:	<6.0%		5g/105°C/2hrs
Ash:	<1%		GB
Solubility:	Insoluble in water		
Solvent Used:	Ethanol, water		
Solvent Residue:	<0.05%		CP2005
Heavy Metals:	<5 ppm		Colorimetry
Arsenic:	≤1 ppm		AAS
Cadmium:	<0.5 ppm		AAS
Lead:	<1 ppm		AAS
Mercury:	<0.1 ppm		AAS
Total Plate Count:	<10,000 cfu/g		AOAC
Mold & Yeast:	<1,000 cfu/g		AOAC
Coliforms:	<100 cfu/g		AOAC
E. Coli:	Negative		AOAC
Salmonella:	Negative		AOAC
Staphylococcus Aureus:	Negative		AOAC
GMO Statement:	GMO free		
Standard:	Food grade		
Treatment:	Heat		

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :_


Abdullah Malik (QA)