

Certificate of Analysis

Product Name:	Marigold Extract	Manufacture Date:	Jul.20, 2021
Latin Name:	<i>Tagetes erecta</i> L.	Analysis Date:	Jul.23, 2021
Part Used:	Flower	Report Date:	Jul.23, 2021
Quantity:	200Kg	Batch No:	YMHZ180719

Analysis Item	Specification	Result	Methods
Active Content Test			
Zeaxanthin (HPLC)	>5.0 %	5.1 %	USP37<m46112>
Physical Test			
Appearance	Orange-Red Powder	Complies	
Odor	Characteristic	Complies	
Taste	Characteristic	Complies	
Particle size	100% pass 80 mesh	Complies	USP37<811>
	95% pass 100 mesh		
Loss on drying	≤5.0 %	4.0 %	USP37<731>
Ash Contents	≤5.0 %	2.7 %	USP37<733>
Chemical Tests			
Heavy Metals	≤10 ppm	<10 ppm	USP37<231>
Lead	≤2 ppm	0.01 ppm	USP37<251>
Arsenic	≤2 ppm	0.01 ppm	USP37<211>
Microbiological Tests			
Total Bacteria Count	≤1,000 cfu/g	Complies	USP37<2021>
Yeast and Mold	≤100 cfu/g	Complies	USP37<2021>
Coliform	≤30 MPN/g	Complies	USP37<2022>

Statements : Non-Irradiated, Non-GMO.

Conclusion : Conform to the USP 37.

Appearance: This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.

Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from direct light.

Shelf Life : 2 years when properly stored.

QC : Shan Guo

QA: Li Feng

