



TAMAQUA PA 18252

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### CERTIFICATE OF ANALYSIS

#### IDENTIFICATION

**Product Name:** Safflower Powder  
**Botanical Name:** Carthamus Tinctorius  
**Part Used:** Flower  
**Origin:** China

#### ANALYSIS

Description  
Identification  
Color  
Taste  
Odor  
Moisture  
Heavy Metals

(Pb)  
(As)  
(Cd)  
(Hg)

Mesh Size

#### SPECIFICATION

Powder  
Positive  
Reddish Orange  
Characteristic  
Characteristic  
Max 7.0%  
≤20.0ppm  
<10ppm  
≤3.0ppm  
≤2.00ppm  
1ppm  
100% through USS 40 mesh

#### RESULT

Powder  
Conform  
Reddish Orange  
Conform  
Conform  
6.9%  
Conform  
8.60ppm  
0.3ppm  
0.21ppm  
0.05ppm

#### TEST

Visual  
-  
Visual  
Organoleptic  
Organoleptic  
112 C/2hrs  
ICP/MS

#### MICROBIOLOGICAL

Total Plate Count	≤100,000cfu/g	41,000cfu/g	USP <2021>
Yeast	≤1,000cfu/g	100cfu/g	USP <2021>
Mold	≤1,000cfu/g	100cfu/g	USP <2021>
E. coli	≤100cfu/g	10cfu/g	AOAC 991.14
Salmonella	Absent/10g	Absent/10g	USP <2021>
Shigella	Negative	Negative	FDA BAM 8 <sup>th</sup>
Pesticides & Herbicides	Meets USP St	Complies	Meets USP stand

#### Storage:

Store in a tightly, sealed container in a cool and dry area.

Keep away from strong light and heat.

This product is Non-GMO.

This product is not treated with ETO, nor is it Gamma irradiated.