



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Annatto Powder
Botanical Name: Bixa Orellana
Origin: Peru
Part Used: Seed

ANALYSIS

Identification

Description

Color

Taste

Odor

Moisture

Heavy Metals

(Pb)

(As)

Mesh Size

SPECIFICATION

Positive

Powder

Reddish Orange

Characteristic

Characteristic

10% Max

≤15ppm

≤2ppm

≤2ppm

100% through USS 40 mesh

RESULT

Conform

Powder

Reddish Orange

Conform

Conform

10.0%

<10ppm

0.57ppm

0.2ppm

TEST

Visual

TLC

Visual

Organoleptic

Organoleptic

105 C/2hrs

ICP-MS

MICROBIOLOGICAL

Total Plate Count

Yeast

Mold

Coliforms

E. coli

Salmonella

Pesticides & Herbicides

≤500,000cfu/g

≤1,000cfu/g

≤1,000cfu/g

≤100cfu/g

Absent/10g

Negative

Negative

24,000cfu/g

100cfu/g

500cfu/g

100cfu/g

Absent/10g

Negative

Negative

USP <2021>

USP <2021>

USP <2021>

FDA BAM

USP <2021>

AOAC 998.09

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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