



TAMAQUA PA 18252

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### CERTIFICATE OF ANALYSIS

#### IDENTIFICATION

**Product Name:** Maca Root Powder Extract 4:1  
**Botanical Name:** Lepidium Meyenii  
**Origin:** Peru  
**Part Used:** Root

#### ANALYSIS

**Description**  
**Identification**  
**Color**  
**Taste**  
**Odor**  
**Moisture**  
**Heavy Metals**

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

**Carrier**  
**Extraction Method**  
**Mesh Size**

#### SPECIFICATION

Powder  
Positive  
Yellow Cream  
Characteristic  
Characteristic  
≤8.0%  
<15ppm  
<3ppm  
<2ppm  
<2ppm  
<0.5ppm  
Maltodextrin  
Water  
100% through USS 40 mesh

#### RESULT

Powder  
Conform  
Yellow Cream  
Conform  
Conform  
5.2%  
<10ppm  
0.640ppm  
<0.311ppm  
0.10ppm  
0.05ppm

#### TEST

Visual  
TLC  
Visual  
Organoleptic  
Organoleptic  
AOAC  
ICP-MS  
  
  
  
  
  
ASTM

#### HERBAL STRENGTH

**Extract ratio** 4:1 (Parts of Botanical: Parts of native extract)

#### MICROBIOLOGICAL

<b>Total Plate Count</b>	≤120,000cfu/g	10,000cfu/g	FDA BAM 8 <sup>th</sup>
<b>Yeast</b>	≤1,000cfu/g	100cfu/g	FDA BAM 8 <sup>th</sup>
<b>Mold</b>	≤1,000cfu/g	100cfu/g	FDA BAM 8 <sup>th</sup>
<b>Coliforms</b>	≤100cfu/g	10cfu/g	FDA BAM 8 <sup>th</sup>
<b>E. coli</b>	Absent/10g	Absent/10g	USP <2022>
<b>Salmonella</b>	Negative	Negative	FDA BAM 8 <sup>th</sup>

#### 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