



TAMAQUA PA 18252

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**CERTIFICATE OF ANALYSIS**

**IDENTIFICATION**

**Product Name:** Flaxseed Extract Powder 4:1  
**Botanical Name:** **Linum Usitatissimum**  
**Part Used:** Seeds  
**Origin:** Canada

**ANALYSIS**

**Description**  
**Identification**  
**Color**  
**Taste**  
**Odor**  
**Moisture**  
**Heavy Metals**  
**Lead**  
**Arsenic**  
**Extraction Method**  
**Mesh Size**

**SPECIFICATION**

Powder  
Positive  
Brown  
Characteristic  
Characteristic  
≤8.0%  
≤15.0ppm  
≤3ppm  
≤2ppm  
Water  
88% through 40 mesh

**RESULTS**

Powder  
Conform  
Brown  
Oily Taste  
Characteristic  
7.00%  
Complies  
0.870ppm  
0.244ppm

**TEST**

Visual  
TLC  
Visual  
Organoleptic  
Organoleptic  
Ph. Eur. III  
ICP-MS

**EXTRACT STRENGTH**

**Essential fatty acids: Linoleic Acid**  
**Extract Ratio** 4:1 (Parts of Botanical: Parts of native extract)

**MICROBIOLOGICAL**

<b>Total Plate Count</b>	≤120,000cfu/g	80,000cfu/g	FDA BAM 8th
<b>Yeast</b>	≤1,000cfu/g	100cfu/g	FDA BAM 8th
<b>Mold</b>	≤1,000cfu/g	100cfu/g	FDA BAM 8th
<b>Coliforms</b>	≤100cfu/g	100cfu/g	FDA BAM 8th
<b>E. coli</b>	Absent/10g	Absent/10g	USP <2022>
<b>Salmonella</b>	Negative	Negative	AOAC 991.14

**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.**