



TAMAQUA PA 18252

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### CERTIFICATE OF ANALYSIS

#### IDENTIFICATION

**Product Name:** Fennel Seed Powder  
**Botanical Name:** Foeniculum Vulgare  
**Part Use:** Seeds  
**Origin:** India

#### ANALYSIS

Description  
Identification  
Color  
Taste  
Odor  
Moisture  
Heavy Metals

#### SPECIFICATION

Powder  
Positive  
Yellowish Brown  
Characteristic  
Aromatic  
8.0% Max  
≤15ppm  
≤2ppm  
≤2ppm  
≤2ppm  
≤1ppm  
100% through USS 40 mesh

#### RESULT

Powder  
Pass  
Yellowish  
Conform  
Aromatic  
7.7%  
<15ppm  
<0.5ppm  
0.5ppm  
0.2ppm  
0.05ppm

#### TEST

Visual  
TLC  
Visual  
Organoleptic  
Olfactory  
AOAC  
ICP/MS  
ASTA

Mesh Size

#### Microbiological Counts

<b>Total Plate Count</b>	≤100,000cfu/g	<10,000cfu/g	AOAC 966.23
<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	AOAC 991.14
<b>E. coli</b>	Absent/10g	Absent/10g	USP <2022>
<b>Salmonella</b>	Negative/25g	Negative/25g	FDA BAM 8 <sup>th</sup>
<b>Pesticides &amp; Herbicides</b>	Not Present	Not Present	USP Method

#### 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