



TAMAQUA PA 18252

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**CERTIFICATE OF ANALYSIS**

**IDENTIFICATION**

<b>Product Name:</b>	<b>Goldenseal Powder</b>
<b>Botanical Name:</b>	<b>Hydrastis Canadensis</b>
<b>Origin:</b>	<b>USA</b>
<b>Part Used:</b>	<b>Root</b>

**ANALYSIS**

**SPECIFICATION**

**RESULT**

**TEST**

<b>Description</b>	Fine Powder	Conform	Visual
<b>Identification</b>	Positive	Pass	FTIR
<b>Color</b>	Greenish-Mustard	Mustard	Visual
<b>Taste</b>	Characteristic	Conform	Visual
<b>Odor</b>	Characteristic	Conform	Visual
<b>Moisture</b>	8.0% Max	7.50%	AOAC
<b>Heavy Metals</b>	≤15ppm	<15ppm	ICP/MS
(Pb)	≤3ppm	1.50ppm	ICP/MS
(As)	≤2ppm	0.39ppm	
(Cd)	≤2ppm	0.350ppm	
(Hg)	<2ppm	0.07ppm	
<b>Mesh Size</b>	95% through 60 mesh		USS Sieving

**MICROBIOLOGICAL**

<b>Total Plate Count</b>	≤100,000cfu/g	90,000cfu/g	FDA BAM 8th
<b>Yeast</b>	≤1,000cfu/g	100cfu/g	FDA BAM 8th
<b>Mold</b>	≤1,000cfu/g	400cfu/g	FDA BAM 8th
<b>Coliforms</b>	<100cfu/g	10cfu/g	FDA BAM 8th
<b>E. coli</b>	Absent/10g	Absent/10g	USP <2022>
<b>Salmonella</b>	Negative/25g	Negative/25g	AOAC 998.09
<b>Pesticides &amp; Herbicides</b>	Meets Req.	Meets Req.	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.