



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Gentian Root Extract Powder 4:1
 Botanical Name: Gentiana Lutea
 Origin: Poland
 Part Used: Root

ANALYSIS

SPECIFICATION

RESULT

TEST

Description	Powder	Powder	Visual
Identification	Positive	Conform	Visual
Color	Brownish	Conform	Visual
Taste	Characteristic	Conform	Organoleptic
Odor	Characteristic	Conform	Organoleptic
Moisture	1-3%	3.0%	AOAC
Heavy Metals	<10ppm	Conform	ICP/MS
(Pb)	<2.0ppm	Conform	
(As)	<1.0ppm	Conform	
Extraction Solvents	Water-Ethanol 70% at 90°		
Mesh Size	95% thru US#60		

HERBAL STRENGTH

Extract Ratio 4:1 (Parts of Botanical: Parts of native extract)

MICROBIOLOGICAL

Total Plate Count	<120,000cfu/g	Untested	
Yeast & Mold	<1,000cfu/g	Untested	
Coliforms	<100cfu/g	Untested	AOAC
E. coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	FDA BAM
Pesticides/Herbicides	Negative	Negative	GC

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.