



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Echinacea Purpurea Herb Extract>4%
Botanical Name Echinacea Purpurea
Part Used Dried Herb
Origin: Spain

ANALYSIS

Description
Identification
Color
Taste
Odor
Loss on Drying
Heavy Metals

(Pb)
(As)

Extraction Method
Mesh Size

SPECIFICATION

Powder
Positive
Brown
Characteristic
Characteristic
5.0% Max
≤10ppm
≤2ppm
≤2ppm
Ethanol-Water
NLT 100% through USS 80

RESULT

Powder
Standard
Brown
Conform
Conform
4.80%
<10ppm
0.807ppm
0.501ppm
-

TEST

Visual
TLC
Visual
Organoleptic
Olfactory
5g/105C/2hrs

PHYTOCHEMICALS

Polyphenols NLT 4% 4.15% UV

Microbiological Counts

Total Plate Count ≤10,000cfu/g 8,000cfu/g USP<2021>
Yeast ≤1,000cfu/g 100cfu/g USP<2021>
Mold ≤1,000cfu/g 100cfu/g USP<2021>
Coliforms ≤100cfu/g <10cfu/g FDA BAM
E. coli Absent/10g Absent/10g USP <2021>
Salmonella Negative Negative AOAC 998.09

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