



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Horse Chestnut Extract Powder 20.0% (*Escin*)
Botanical Name: Aesculus Hippocastanum
Origin : China
Part Used: Seeds

ANALYSIS

Description
Identification
Color
Taste
Odor
Loss on Drying
Heavy Metals
(Pb)
(As)
Extraction Solvents
Mesh Size

SPECIFICATION

Powder
Positive
Yellow Brown
Characteristic
Characteristic
5.00% Max
<15ppm
<3ppm
<1ppm
Hydro-alcoholic
100% through 80 mesh

RESULT

Powder
Conform
Conform
Conform
Conform
Conform
Conform
Conform
Conform

TEST

Visual
TLC
Visual
Organoleptic
Organoleptic
1g/105C/2hrs
Colorimetry
AFS
AFS

PHYTOCHEMICALS

Triterpene Saponins content calculated as Aescin
Assay content 18-20% 20.83% UV

MICROBIOLOGICAL

Total Plate Count	<10,000cfu/g	Conform	
Yeast & Mold	<100cfu/g	Conform	
Coliforms	<100cfu/g	Conform	AOAC
E. coli	<10cfu/10g	Conform	AOAC
Salmonella	Negative	Negative	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.