



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Sarsaparilla Extract Powder 4:1  
Botanical Name: Hemidesmus Indicus  
Part Used: Root  
Origin: India

ANALYSIS

SPECIFICATION

RESULT

TEST

Description	Powder	Powder	Visual
Identification	Positive	Conform	TLC
Color	Brown	Brown	Visual
Taste	Characteristic	Woody	Organoleptic
Odor	Characteristic	Woody	Organoleptic
Moisture	10% max	6.2%	115C/2hrs
Heavy Metals	<10ppm	<10ppm	ICP/MS
(Pb)	<3.0ppm	1.28ppm	
(As)	<2.0ppm	0.2ppm	
Extraction Solvent	Water		
Mesh Size	>90% through USS 60 mesh		

EXTRACT RATIO

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

MICROBIOLOGICAL

Total Plate Count	≤300,000cfu/g	75,000cfu/g	USP <2021>
Yeast	≤5,000cfu/g	100cfu/g	USP <2021>
Mold	≤5,000cfu/g	200cfu/g	USP <2021>
Coliforms	≤500cfu/g	100cfu/g	FDA BAM
E. coli	Absent/10g	Absent/10g	USP <2021>
Salmonella	Negative	Negative	FDA BAM

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