

## CERTIFICATE OF ANALYSIS

PRODUCT:	<u>DECLAWNAT</u>	GRADE:	<u>NPN 80029377</u>
CODE:	<u>GRIF60UKR</u>	MANUFACTURE DATE:	<u>2017-03</u>
MANUFACTURED UNDER LOT:	<u>14534</u>	EXPIRATION DATE:	<u>2020-03</u>
PACKED UNDER LOT :	<u>14646</u>		

VERSION: 07

Issued Date: 2017-02-01

Approved by: 

TEST	LIMITS	METHOD	RESULTS
<b>IDENTITY</b>			
Appearance:	Natural, hard capsule # 0	Visual	Complies
Color:	Brown powder	Visual	Complies
Odor:	Characteristic	Organoleptic	Complies
Average weight:	492 - 602 mg/caps	Gravimetric	554 mg/caps
Weight variation:	USP limits	USP <2091>	Complies
Disintegration :	≤ 45 minutes	USP <2040>	Complies
<b>ACTIVITY</b>			
Devil's Claw ( <i>Harpagophytum procumbens</i> ) secondary root 4:1	261 - 289 mg/caps (Target 275 mg /caps)	Input	Complies
Black currant ( <i>Ribes nigrum</i> ) leaves	52 - 58 mg/caps (Target 55 mg /caps)	Input	Complies
Queen of the meadow ( <i>Filipendula ulmaria</i> ) flowers	29 - 32 mg/caps (Target 30 mg /caps)	Input	Complies
White willow ( <i>Salix alba</i> ) bark	19 - 21 mg/caps (Target 20 mg /caps)	Input	Complies
Angelica ( <i>Angelica sinensis</i> ) root	19 - 21 mg/caps (Target 20 mg /caps)	Input	Complies
Horseshoe ( <i>Equisetum arvense</i> ) whole herb	19 - 21 mg/caps (Target 20 mg /caps)	Input	Complies
<b>PURITY</b>			
Total aerobic microbial count	≤ 10 000 cfu/g	USP <2021>	160 cfu/g
Yeasts / Moulds	≤ 500 cfu/g	USP <2021>	< 10 cfu/g
<i>Escherichia coli</i>	Absence	USP < 2022>	Absence
<i>Salmonella</i> spp.	Absence	USP <2022>	Absence
<i>Staphylococcus aureus</i>	Absence	USP <2022>	Absence
Arsenic	< 1.6 µg/caps	ICP/MS	< 0.1 µg/caps
Cadmium	< 1.0 µg/caps	ICP/MS	< 0.1 µg/caps
Lead	< 1.6 µg/caps	ICP/MS	0.1 µg/caps
Mercury	< 3.3 µg/caps	ICP/MS	< 0.1 µg/caps
Residual solvents <sup>(1)</sup>	USP limits	USP <467>	Complies
Pesticides <sup>(1)</sup>	USP limits	USP <561>	Complies

<sup>(1)</sup> Tested according to SOP CQ025VERIFIED BY: APPROVED FOR USE BY: 

QUALITY CONTROL (QC)

QUALITY ASSURANCE (QA)

2017-04-11

2017-04-13

DATE

DATE