



## SHREE AMBIKA NATURALS PVT. LTD.

### CERTIFICATE OF ANALYSIS

01.	<b>PRODUCT NAME</b>	:	WITHANIA SOMNIFERA EXTRACT	
02.	BOTANICAL NAME	:	WITHANIA SOMNIFERA	
04.	PARTS USED	:	DRIED ROOT	
05.	COUNTRY OF ORIGIN	:	INDIA	
06.	HERB RATIO	:	10:1	
07.	ACTIVE CONSTITUENT OF THE PLANT	:	WITHANOLOIDS & ALKOLOIDE	
08.	BATCH NO	:	SANL/WIS/01/06/13	
09.	MANUFACTURING DATE	:	April 2013	
10.	EXPIRY DATE	:	May 2015	
	TEST PARAMETER		STANDARDS	RESULTS
01.	DESCRIPTION	:	brown powder	complies
02.	ODOUR & TASTE	:	Characteristic & taste	Complies
03.	IDENTIFICATION	:	BY TLC	Complies
04.	PARTICLE SIZE	:	Passes through 60 #	98% Passes
05.	SOLUBILITIES – IN WATER IN 50% ALCOHOL	:	NLT 70% NLT 50%	75.49% 60.12%
06.	BULK DENISTY – TAPPED	:	0.50 – 0.90 g/ml	COMPLIES
07.	PH OF 1% SOLUTION	:	4.0 – 7.0	4.7
08.	LOSS ON DRYING AT 105°C	:	NMT 6.0% w/w	5.2 % w/w
09.	ASSAY: WITHANOLIDES GRAVIMETRY ALKALOIDS BY GRAVIMETRY	:	NLT5.0%w/w NLT 0.5 %w/w	5.2 %w/w 0.8 % w/w
10.	HEAVY METALS ARSENIC(As) LEAD(Pb) MERCURY (Hg) CADMIUM(Cd)	:	NMT 20 PPM 1ppm 1 ppm 0.1 ppm 0.1ppm	NMT 10 PPM 0.3 ppm 0.5 ppm 0.5 ppm 0.05 ppm
11.	MICROBIOLOGICAL DATA a. STANDARD PLATE COUNT b. YEAST & MOULD	:	<5000 CFU/gm <100 CFU/gm	760 CFU/g 30 CFU/g
12.	PATHOGENS E.COLI SALMONELLA PSEUDOMONAS AERUGINOSA STAPHYLOCOCCUS AUREUS	:	ABSENT ABSENT ABSENT ABSENT	ABSENT ABSENT ABSENT ABSENT
13.	STORAGE CONDITIONS: Store in Dark and Dry place and below 25°C			

PACKING DETAILS: Packed in Food grade HDPE Bags sealed into HDPE Containers

OPINION OF THE ANALYSIS: THE ABOVE MATERIAL COMPLIES WITH THE PRESCRIBED STANDARDS.

MANUFACTURED BY SHREE AMBIKA NATURAL S PVT. LTD., - AHMADNAGAR  
FOOD FACILITY REGISTRATION. : 15913373008





# HINDUSTAN HERBALS LIMITED

(An ISO 9001 : 2008 & GMP CERTIFIED COMPANY)

Manufacturer of Herbal Extracts & Phytochemicals

visit us at : [www.hindustanherbals.org](http://www.hindustanherbals.org)

Certificate Of Analysis			
<b>Product</b>	<b>Mucuna Pruriens Extract</b>	<b>Date of Receive</b>	23/10/2013
<b>Batch No.</b>	HHL/MPE/1310001	<b>Date of Release</b>	29/10/2013
<b>Date of Mfg.</b>	October- 2013	<b>Page No</b>	1 of 1
<b>Date of Exp.</b>	September- 2015	<b>Batch Qty.</b>	250 kg
S. No.	Parameters	Specification	Results
01.	Identification	Positive for L-Dopa by HPLC	Complies
02.	Color & Appearance	Pale Brown to Greenish colored dry powder with characteristic odor & taste	Complies
03.	Loss on Drying	NMT 5%	1.63 %
04.	Particle Size	100% pass through 40 mesh	Complies
05.	Bulk Density	0.4-0.6 g/ml	0.57
06.	<b>Assay for L-Dopa by HPLC</b>	<b>NLT 15 %</b>	<b>15.8 %</b>
07.	Heavy Metals (By AAS)	NMT 20 ppm	Complies
08.	<b>Residual Solvent</b>		
	Methanol	NMT 3000 ppm	1020 ppm
09.	<b>Microbiology</b>		
	Total Plate Count	NMT 1000 cfu/gm	390 cfu/gm
	Yeast & Mould	NMT 100 cfu/gm	<40 cfu/gm
	E.Coli	Absent	Absent
	Salmonella	Absent	Absent
	Staphylococcus	Absent	Absent
	Pseudomonas	Absent	Absent

**Remarks:** The product **complies** as per above specification.

**Storage Condition:** Cool dry place, protected from light and moisture.



**Corporate Office :**  
170, Subhash Nagar, Rohtak - 124001,  
Haryana (INDIA)  
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**Factory:**  
Plot No. 51-53, Sector 31 B,  
IMT, Rohtak - 124001,  
Haryana (INDIA)

EXCISE NO: AACCH3289BEM001  
TIN: 06052826750

CONTACT NO : 09996024398, 09896277447, 09896021261, 09996163000, 09728472333



# HINDUSTAN MINT & AGRO PRODUCTS PVT. LTD.

Barehensi Street, **CHANDAUSI** 202412 (India)

Factory- Devarkhera, Moradabad Road, CHANDAUSI 202412 ( India)

Ph.Office 91-5921-250540/251900 Fact-91-5921-251894/251274 Fax 91-5921-250074

E-mail : [Hindustan@sancharnet.in](mailto:Hindustan@sancharnet.in) Website: [www.hindustanmint.com](http://www.hindustanmint.com)

An ISO 9001-2000, 14001 & 22000 Company

## Certificate of Analysis

DRUG LICENCE (USP/BP/IP) No. 27 of 1997

ISO 14001:2004 Cert. No. 102614-A02

GLP Cert. No. 589132, GMP No. 579898

ISO 9001-2008 Cert. No. 102614-A01

ISO 22000:2005 Cert. No. BCI/F/J/1006

KOSHER Cert. No. 17666

## Safed Musli Dry Extract – 40 %

Source : Safed Musli consists of the dried mature root of *Chlorophytum borivilianum*.

Product name: Safed Musli Dry  
Extract

Date of Mfg.: October 2013

Date of Exp.: September 2016

QTY: 05 Kg

Batch. No.:

0134/1115/2013-14

Report No.:

HIND/N/258/2013-14

Specified Test	Result	Specification
<b>1). Physicochemical</b>		
a). Description	Light brown colored powder having characteristic odor and slightly sweet & bitter taste	Light brown colored powder having characteristic odor and slightly sweet & bitter taste
b). Solubility in water (w/v)	91.60 %	NLT 80 %
c). Solubility in 50 % alcohol (w/v)	86.30 %	NLT 80 %
d). Identification By TLC	Pass	Pass
e). pH 1% soln. (w/v)	5.1	3-6
f). Loss on drying (w/w)	3.22 %	NMT 5.0 %
g). Heavy Metals	5 ppm	NMT 10 ppm
h). Total ash (w/w)	5.90 %	NMT 15.0 %
<b>i). Assay Saponins (w/w)</b>	<b>41.80 %</b>	<b>NLT 40.0 %</b>
<b>2). Micro-biological</b>		
Total plate count	222 cfu/gm	NMT 10 000 cfu/gm
Total yeast count	25 cfu/gm	NMT 100 cfu/gm
<i>E.Coli</i>	Absent	Negative
<i>Salmonella spp.</i>	Absent	Negative
<i>S.aureus</i>	Absent	Negative
<i>P. Aeruginosa</i>	Absent	Negative

Storage : Store protected from heat and moisture.

Analyzed by

Pranav Kumar Yadav  
(M. Pharm)

Date: 15.11.2013

Approved by

Lokesh Varshney  
B. E. (Chem.) (FDA Approved)

For: Hindustan Mint & Agro Products Pvt. Ltd.



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ISO 22000:2005 Cert. No. BCI/F/J/1006

KOSHER Cert. No. 17666

## Shilajeet Dry Extract

Source : Shilajeet consists of the dried stone of *Asphaltum*.

Product name: Shilajeet Dry Extract

Date of Mfg.: October 2013

Date of Exp.: September 2016

Qty.:- 25 Kg

Batch. No.:

0108/1022/2013-14

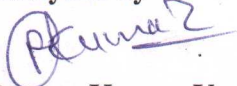
Report No.:

HIND/OT/189/2013-14

Specified Test	Result	Specification
<b>1). Physicochemical</b>		
a). Description	Brownish black colored powder having characteristic odour and taste	Brownish black colored powder having characteristic odour and taste
b). Solubility in water (w/v)	92.70 %	NLT 70 %
c). Solubility in alcohol (w/v)	30.50 %	NLT 10 %
d). Presence of fluvic acid (BY TLC)	Positive	Positive
e). pH 1% soln. (w/v)	5.88	4-7
f). Loss on drying (w/w)	3.30 %	NMT 5.0 %
g). Heavy Metals	5 ppm	NMT 10 ppm
h). Total ash (w/w)	11.46 %	NMT 15.0 %
i). Total acid insoluble ash (w/w)	2.30 %	NMT 3.0 %
j). Assay fluvic acid (w/w)	6.2 %	NLT 5.0 %
<b>2). Micro-biological</b>		
Total plate count	206 cfu/gm	NMT 1000 cfu/gm
Total yeast count	22 cfu/gm	NMT 100 cfu/gm
<i>E.Coli</i>	Absent	Negative
<i>Salmonella spp.</i>	Absent	Negative
<i>S.aureus</i>	Absent	Negative
<i>P. Aeruginosa</i>	Absent	Negative

Storage : Store protected from heat and moisture.

Analyzed by

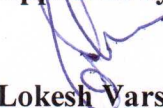


Pranav Kumar Yadav

(M. Pharm)

Date: 22.10.2013

Approved by



Lokesh Varshney

B. E. (Chem.) (FDA Approved)

For: Hindustan Mint & Agro Products Pvt. Ltd.



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## Certificate of Analysis

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GLP Cert. No. 589132, GMP No. 579898

ISO 9001-2008 Cert. No. 102614-A01

ISO 22000:2005 Cert. No. BCI/F/J/1006

KOSHER Cert. No. 17666

## Tribulus Dry Extract

Source : Gokhru consists of dried fruits of *Tribulus terrestris* L., Fam. Euphorbiaceae)

Product name: Tribulus Dry Extract

Date of Mfg.: October 2013

Date of Exp.: September 2016

QTY.: 25 KG

Batch. No.:

0113/1031/2013-14

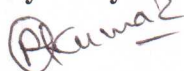
Report No.:

HIND/SP/231/2013-14

Specified Test	Result	Specification
<b>1). Physicochemical</b>		
a). Description	Brown colored powder having characteristic odour and taste	Brown colored powder having characteristic odour and taste
b). Solubility in water (w/v)	84.70 %	NLT 80 %
c). Solubility in 50 % alcohol (w/v)	77.30 %	NLT 75 %
d). Identification By TLC	Positive	Positive
e). pH 1% soln. (w/v)	4.39	3-7
f). Loss on drying (w/w)	3.0 %	NMT 5.0 %
g). Heavy Metals	6 ppm	NMT 20 ppm
h). Total ash (w/w)	5.46 %	NMT 15.0 %
i). Assay Saponins (w/w)	41.28 %	NLT 40 %
<b>2). Micro-biological</b>		
Total plate count	342 cfu/gm	NMT 1000 cfu/gm
Total yeast count	25 cfu/gm	NMT 100 cfu/gm
<i>E.Coli</i>	Absent	Negative
<i>Salmonella spp.</i>	Absent	Negative
<i>S.aureus</i>	Absent	Negative
<i>P. Aeruginosa</i>	Absent	Negative

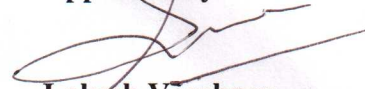
Storage : Store protected from heat and moisture.

Analyzed by



Pranav Kumar Yadav  
(M. Pharm)

Approved by



Lokesh Varshney  
B. E. (Chem.) (FDA Approved)

Date: 31.10.2013

For: Hindustan Mint & Agro Products Pvt. Ltd.





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Certificate Of Analysis			
Product	Piper Nigrum Dry Extract	QAR No.	13115
Batch No.	HHL/PIP/1301001	A. R. No.	BB-1310115
Date of Mfg.	October- 2013	Date of Receive	15/10/2013
Date of Exp.	September - 2015	Date of Release	20/10/2013
Qty.	100 Kg	Page No	1 of 1

S. No.	Parameters	Specification	Results
01.	Color & Appearance	Yellow-Light green crystalline powder	Complies
02.	Odour & taste	Characteristic	Complies
03.	Loss on Drying	NMT 2%	Complies
04.	Solubility in water	Insoluble	Insoluble
05.	Solubility in solvent	Soluble in chloroform & Alcohol	Soluble
06.	<b>Piperine Content (HPLC)</b>	<b>NLT 95 %</b>	<b>96.2 %</b>
07.	Bulk Density (UT)	0.30 – 0.50 g/ml	0.47 g/ml
08.	Bulk Density (T)	0.55 – 0.75 g/ml	0.63 g/ml
09.	Particle Size: Pass through 40#	NLT 95%	Complies
10.	Melting Point	126 – 132 °C	130 °C
11.	Heavy Metals	NMT 10 ppm	Complies
<b>Microbiology</b>			
12.	Total Plate Count	NMT 1000 cfu/gm	50 cfu/gm
13.	Yeast & Mould	NMT 100 cfu/gm	<10 cfu/gm
14.	E.Coli	Absent	Absent
15.	Salmonella	Absent	Absent

**Remarks:** The product **complies** as per above specification.  
**Storage Condition:** Cool dry place, protected from light and moisture.



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