



HINDUSTAN HERBALS LIMITED

(An ISO 9001 : 2008 & GMP CERTIFIED COMPANY)

Manufacturer of Herbal Extracts & Phytochemicals

visit us at : www.hindustanherbals.org

Certificate Of Analysis			
Product	Gymnema Sylvestre 75%	QAR No.	13932
Batch No.	HHL/GSE/1311004	A. R. No.	BB-1310932
Date of Mfg.	November - 2013	Date of Receive	12/11/2013
Date of Exp.	October - 2015	Date of Release	18/11/2013
Batch Qty.	1000 kg	Page No	1 of 1

S. No.	Parameters	Specification	Results
01.	Identification	By TLC	Complies
02.	Appearance	Green to dark green powder with bitter taste	Complies
03.	Solubility	Minimum 90% in water and 50% in alcohol	Complies
04.	Bulk Density	0.40-0.70 g/ml	0.60 g/ml
05.	Assay (Gravimetric) Gymnemic Acids	NLT 75%	76.31%
06.	Loss on Drying	NMT 6%	4.7 %
07.	pH of 1% w/v Aq Solution	5.0-8.0	5.8
08.	Mesh Size	NLT 95% should pass through 60 #	Complies
09.	Residual Solvent		
	Methanol	NMT 3000 ppm	300 ppm
10.	Microbiology		
	Total Plate Count	NMT 1000 cfu/gm	50 cfu/gm
	Yeast & Mould	NMT 100 cfu/gm	<10 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)
email : info@hindustanherbals.org

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



Certificate of Analysis

BOTANICAL NAME	Trigonella foenum Dry Extracts
VERNACULAR NAME	Methi
PARTS USED	Seeds
BATCH NUMBER	KIL/DSHE22/TF1302
MANUFACTURING M.	June, 2013
EXPIRY M.	June, 2015

ORGANOLEPTIC CHARACTERISTIC		
	Results	Specification
Color	Brown color	Brown color
Odor	Characteristic	Characteristic
Taste	Bitter	Bitter
Physical Appearance	Powder	Powder

PHYSIOCHEMICAL CHARACTERISTIC		
	Results	Specification
WSE	85.67%	NLT 80%
ASE 50	78.54%	NLT 70%
PH 1% w/v solution	4.98	3-7
LOD	3.01%	NMT 7%
Ash Content	6.34%	NMT 15%
Acid Insoluble Ash	0.31%	NMT 2%
Saponins content	40.21%	NLT 40%

HEAVY METALS		
Lead	Complies	NMT 10 ppm
Arsenic	Complies	NMT 1 ppm
Cadmium	Complies	NMT 0.3 ppm
Mercury	Complies	NMT 1 ppm

MICROBIOLOGICAL ANALYSIS		
Total Aerobic Count	310 CFU/gm	NMT 1000 CFU/gm
Yeast & Mould	30 CFU/gm	NMT 100 CFU/gm

PATHOGENS		
E. Coli	Absent	Absent
Salmonella	Absent	Absent
Pseudomonas aeruginosa	Absent	Absent
Staphylococcus aureus	Absent	Absent



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Product	Banaba Leaf PE 1 %	QAR No.	13115
Batch No.	HHL/BE/BL/1301005	A. R. No.	BB-1310115
Date of Mfg.	October- 2013	Date of Receive	15/08/2013
Date of Exp.	September- 2015	Date of Release	23/08/2013
Dispatch Qty.	100 kg	Page No	1 of 1

S. No.	Parameters	Specification	Results
01.	Identification	Positive for Corosolic acid by HPLC	Positive
02.	Appearance	Fine dry Powder	Dry Powder
03.	Colour	Greenish Brown	Complies
04.	Particle Size	NLT 95% passes through 60 mesh	100 % passes through 60 mesh
05.	Bulk Density	0.5-0.75 g/cc	0.65 g/cc
06.	Assay for Corosolic Acid by HPLC	NLT 1 % w/w	1.20 %
07.	Total Ash Content	NMT 1.5%	0.9 %
08.	Loss on Drying	NMT 5% w/w	2.6 %
09.	Heavy Metals		
	Lead	NMT 5 ppm	0.6 ppm
	Arsenic	NMT 5 ppm	Not Detected
	Cadmium	NMT 5 ppm	0.1 ppm
	Mercury	NMT 5 ppm	Not Detected
10.	Residual Solvent		
	Methanol	NMT 3000 ppm	450 ppm
11.	Microbiology		
	Total Plate Count	NMT 1000 cfu/gm	90 cfu/gm
	Yeast & Mould	NMT 100 cfu/gm	<10 cfu/gm
	E.Coli	Absent	Absent
	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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