



SIDDHARTH  
International

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: - ASHWAGANDHA P.E. 1.5% WITHANOLOIDS**

<b>BATCH NO. : HH/WSD-002/15-16</b>	<b>PART USED : ROOTS</b>
<b>MFG. DT. : DEC - 2015</b>	<b>SOLVENTS USED : HYDRO-ALCOHOL</b>
<b>EXP. DT. : NOV - 2017</b>	<b>SHIPMENT QNTY. : 1000 KGS</b>
<b>LOT# : WSS160110</b>	

ANALYSIS	SPECIFICATION	RESULT	TEST METHODS
<b>CHEMICAL PHYSICAL CONTROL</b>			
Characters/ Appearance	Fine Powder	Complies	Visual
Color	Brown	Brown	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Bitter	Complies	Olfactory
As Ratio of Extraction	NLT 1.5% Withanolides 5:1	1.58%	Gravimetry
Mesh Size/ Sieve Analysis	NLT 100% Through 40 mesh	Complies	40 mesh screen
Loss On Drying	NMT 5.0%	3.28%	1g/105°C/2hrs.
<b>HEAVY METALS</b>	NMT 10ppm	Complies	AAS
Lead (pb)	NMT 1ppm	0.42 ppm	AAS
Cadmium (Cd)	NMT 1ppm	0.1 ppm	AAS
Arsenic (As)	NMT 1ppm	0.3 ppm	AAS
Mercury (Hg)	NMT 1ppm	0.1 ppm	AAS
<b>MICROBIAL PARAMETERS</b>			
Total Plate Count	NMT 5,000 CFU/g	920 Cfu/gm	USP
Yeast & Moulds	NMT 100 Cfu/g	30 Cfu/gm	USP
<b>PATHOGENS:</b>			
E.Coli	Negative	Absent	AOAC
Salmonella	Negative	Absent	USP
Staphylococcus	Negative	Absent	USP

**Remarks:** - The product **complies** with the above said specification.

**India:** Green House, 2<sup>nd</sup> Flr, Green Street, Fort, Mumbai- 400 023. India. Ph: +91-22-22662136/ 22663119.  
Fax: +91-22- 22664115 Email: [vishal@siddhint.com](mailto:vishal@siddhint.com)

**USA:** 160-1 Liberty Street, Liberty Corporate Park, Metuchen, NJ 08840. Phone: 732-372-7311; Email:  
[pporwal@chem-is-try.com](mailto:pporwal@chem-is-try.com); [info@chem-is-try.com](mailto:info@chem-is-try.com)