

# Total Ingredients

## CERTIFICATE OF ANALYSIS ASHWAGANDHA EXTRACT 2.5% by HPLC

<b>Product</b>	Ashwagandha Extract 2.5% by HPLC		
<b>Product Code</b>	THX1010		
<b>Batch No</b>	THLX/ASH/017/22		
<b>Date of Manufacturing</b>	Aug-22		
<b>Re- Analysis Date</b>	July-25		
<b>Quantity</b>	125kg		
<b>Extraction Solvent</b>	Methanol & Water		
<b>Botanical name</b>	<i>Withania somnifera</i>		
<b>Plant part</b>	Roots		
<b>Country of Origin</b>	India		
<b>Parameter</b>	<b>Specification</b>	<b>Result</b>	<b>Method/Protocols</b>
<b>Physical</b>			
Description	Light brown to dark brown color powder with characteristic taste and odor	Complies	Physical
Identification	To comply by HPLC	Complies	HPLC
Loss on drying	Not more than 5.0% w/w	2.14% w/w	USP<731>
Particle size 40 #	Not less than 90%	Complies	USP<786>
Solubility	Soluble in Alcohol	Complies	USP<1236>
Tapped bulk density	Between 0.40 g/ml and 0. 80 g/ml	0.58g/ml	USP<616>
Total Ash	Not more than 20%	8.3 %	USP<561>
<b>Others</b>			
Lead	Not more than 3.0 PPM	0.3 PPM	ICP-MS
Cadmium	Not more than 1.0 PPM	0.3 PPM	ICP-MS
Arsenic	Not more than 1.0 PPM	0.5 PPM	ICP-MS
Mercury	Not more than 0.1 PPM	0.01PPM	ICP-MS
<b>Chemical</b>			
Assay - Content of Total Withanolides	NLT 2.5% w/w	2.57%	By HPLC
<b>Residual Solvent</b>			
Methanol	NMT 3000 ppm	Complies	USP<467>
<b>Microbiological Profile</b>			
Total plate count	Not more than 5,000cfu/g	60cfu/g	USP<61>
Yeast and mould count	Not more than 100cfu/g	Complies	USP<61>
<i>Salmonella</i>	Absent/25g	Absent	USP<62>
<i>Escherichia coli</i>	Absent/10g	Absent	USP<62>
<i>Coliform</i>	Absent	Absent	USP<62>
Since the product is derived from natural origin, there is likely to be minor color variation because of the geographical and seasonal variations of the raw material			
<b>REMARKS: COMPLIES WITH IN HOUSE SPECIFICATIONS</b>			

**Declaration:-**

GMO Status:- Free from GMO  
Irradiation status: Non – Irradiated  
Prepared by  
Executive – QC

Allergen statement: -Free from allergen  
Storage condition: -At room temperature  
Approved by  
Head-QC/QA

\*The product is manufactured by Pure TruHerb Pvt. Ltd.