

Total Ingredients

CERTIFICATE OF ANALYSIS ASHWAGANDHA EXTRACT 5.0% BY HPLC

Product	Ashwagandha Extract 5.0% by HPLC		
Product Code	THX1011		
Batch No	THLX/ASH/018/22		
Date of Manufacturing	Dec-22		
Expiry Date	Nov-25		
Quantity	950Kg		
Extraction Solvent	Methanol & Water		
Botanical name	<i>Withania somnifera</i>		
Plant part	Roots		
Parameter	Specification	Result	Method/Protocols
Physical			
Description	Light brown to dark brown color powder with characteristic taste and odor	Complies	Physical
Identification	To comply by TLC	Present	TLC
Loss on drying	Not more than 5.0% w/w	3.5%	USP<731>
Particle size 40 #	Not less than 90%	Complies	USP<786>
Solubility	Soluble in Alcohol	Complies	USP<1236>
Total Ash	Not more than 20%	12.8%	USP<561>
Tapped bulk density	Between 0.40 g/ml and 0.80 g/ml	0.75g/ml	USP<616>
Others			
Lead	Not more than 3.0 PPM	Complies	ICP-MS
Cadmium	Not more than 1.0 PPM	Complies	ICP-MS
Arsenic	Not more than 1.0 PPM	Complies	ICP-MS
Mercury	Not more than 0.1 PPM	Complies	ICP-MS
Chemical			
Assay - Content of Total Withanolides	NLT 5.0 % w/w	5.12%	By HPLC
Residual Solvent			
Methanol	NMT 3000 ppm	Complies	USP<467>
Microbiology			
Total plate count	Not more than 5,000cfu/g	<10 cfu/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			
REMARKS: COMPLIES WITH IN HOUSE SPECIFICATIONS			

Declaration:-

GMO Status:- Free from GMO
Irradiation status: Non – Irradiated

Allergen statement: -Free from allergen
Storage condition: -At room temperature

Prepared by
Executive – QC

Approved by
Head-QC/QA

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