

# Total Ingredients

## CERTIFICATE OF ANALYSIS ECHINACEA PURPUREA EXTRACT 4% BY UV

<b>Product</b>	Echinacea Purpurea Extract 4% By UV		
<b>Product Code</b>	THX1353		
<b>Batch No</b>	THLX/ECH/186/23		
<b>Date of Manufacturing</b>	May 2023		
<b>Re- Analysis Date</b>	April 2025		
<b>Quantity</b>	400kg		
<b>Botanical name</b>	<i>Echinacea purpurea</i>		
<b>Herb Ratio</b>	4:1		
<b>Extraction Solvent</b>	Ethanol & Water		
<b>Part Used</b>	Whole		
<b>Country of Origin</b>	India		
<b>Parameter</b>	<b>Specification</b>	<b>Result</b>	<b>Method/Protocols</b>
<b>Physical</b>			
Description	Dark Brown powder with characteristic taste and odor	Complies	Physical
Loss on drying	Not more than 8.0%	4.23%	USP<731>
Acid insoluble ash	Not more than 12.0%	3.43%	USP<561>
Bulk Density	0.30-0.70g/ml	0.6088g/ml	USP<616>
Tapped Density	0.40-0.80g/ml	0.7767g/ml	USP<616>
Mesh size	95% pass 80 mesh	Complies	USP<786>
<b>Others</b>			
Total Heavy metals	Not more than 10 ppm	Conforms	USP<231>
Lead	Not more than 2.0 ppm	0.001ppm	USP<852>
Cadmium	Not more than 1.0 ppm	0.007ppm	USP<852>
Arsenic	Not more than 2.0 ppm	0.196ppm	USP<852>
Mercury	Not more than 0.1 ppm	0.001ppm	USP<852>
<b>Residual Solvent</b>			
Ethanol	NMT 5000ppm	Complies	GC
<b>Chemical</b>			
Assay: Content of Polyphenols	≥4.0%	4.96%	UV
<b>Microbiological Profile</b>			
Total plate count	Not more than 10,000cfu/g	Complies	USP<61>
Yeast and Mold	Not more than 1000cfu/g	Complies	USP<61>
<i>Escherichia coli</i>	Absent	Conforms	USP<62>
<i>Salmonella</i>	Absent	Conforms	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

Allergen statement: -Free from allergen  
Storage condition: -Low temperature

Prepared by  
Executive – QC

Approved by  
Head-QC/QA

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