

# Total Ingredients

## CERTIFICATE OF ANALYSIS SOPHORA JAPONICA EXTRACT RUTIN 95% BY UV

<b>Product</b>	Sophora Japonica extract Rutin 95% By UV		
<b>Product Code</b>	THX1776		
<b>Batch No</b>	THLX/SOP/233/23		
<b>Date of Manufacturing</b>	Jan 2023		
<b>Re- Analysis Date</b>	Dec 2025		
<b>Quantity</b>	500 Kg		
<b>Extraction Solvent</b>	Ethanol & Water		
<b>Botanical name</b>	<i>Sophora Japonica L.</i>		
<b>Plant part</b>	Whole Flower Bud		
<b>Country of Origin</b>	India		
<b>Parameter</b>	<b>Specification</b>	<b>Result</b>	<b>Method/Protocols</b>
<b>Physical</b>			
Description	Yellow to yellow-green powder with characteristic taste and odor	Complies	Physical
Loss on drying	Not more than 5.5%-9.0%	5.91%	USP<731>
Residue on Ignition	Not more than 0.5%	0.17%	USP<561>
Loose Density	Between 0.30- 0.70 g/ml	0.3359 g/ml	USP<616>
Tapped Density	Between 0.40- 0.80 g/ml	0.5245 g/ml	USP<616>
Particle size 80#	Not Less than 98%	Complies	USP<786>
<b>Others</b>			
Heavy metal	Not more than 10.0 ppm	Complies	USP<231>
Lead	Not more than 2.0 ppm	Complies	AFS
Cadmium	Not more than 1.0 ppm	Complies	AFS
Arsenic	Not more than 2.0 ppm	Complies	AFS
Mercury	Not more than 0.1 ppm	Complies	AFS
<b>Chemical</b>			
Rutin	≥95.0%	98.59%	UV
Quercetin	≤4.0%	Complies	HPLC
<b>Residual Solvent</b>			
Residual Solvent	≤5000ppm	Complies	GC
<b>Microbiological Profile</b>			
Total plate count	Not more than 10,000cfu/g	<10cfu/g	USP<61>
Yeast count	Not more than 1000cfu/g	<10cfu/g	USP<61>
Mould Count	Not more than 1000cfu/g	<10cfu/g	USP<61>
<i>Coliforms</i>	Not more than 0.92MPN/g	Absent	USP<62>
<i>Salmonella</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

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.