

Total Ingredients

CERTIFICATE OF ANALYSIS LICORICE ROOT EXTRACT DGL <1% GLYCYRRHIZIC ACID BY HPLC

Product	Licorice Root Extract DGL <1% Glycyrrhizic Acid by HPLC		
Product Code	THX1636		
Batch No	THLX/LIC/055/23		
Date of Mfg.	August 2023		
Date of Exp	July 2026		
Quantity	250 Kgs		
Botanical name	<i>Glycyrrhiza glabra</i>		
Extraction Solvent	Ethanol		
Plant part	Roots		
Country of Origin	India		
Parameter	Specification	Result	Method/Protocols
Physical			
Description	Light brown to Brown color powder with characteristic taste and odor	Complies	Physical
Identification	To comply by TLC	Complies	TLC
Loss on Drying	Not more than 5.0% w/w	Complies	USP<731>
Solubility	Soluble in Alcohol	Complies	USP<1236>
Particle size 20#	Between 90-100%	Complies	USP<786>
Particle size 60#	Between 60-100%	Complies	USP<786>
Particle size 140#	Between 37-100%	Complies	USP<786>
Tapped bulk density	Between 0.30 g/ml and 0.90 g/ml	Complies	USP<616>
Others			
Lead	<2.0 ppm	Complies	ICP-MS
Cadmium	<1.0 ppm	Complies	ICP-MS
Arsenic	<1.0 ppm	Complies	ICP-MS
Mercury	<0.1 ppm	Complies	ICP-MS
Chemical			
Assay - Content of Glycyrrhizic acid	NMT 1%	Complies	By HPLC
Content of Silica	NMT 1%	Complies	By Gravimetry
Residual Solvent			
Ethanol	NMT 5000ppm	Complies	USP<467>
Microbiological Profile			
Total plate count	Not more than 5,000cfu/g	Complies	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.