

CERTIFICATE OF ANALYSIS
ORGANIC HOLY BASIL EXTRACT 2.5% BY HPLC

Product	Organic holy basil extract 2.5% By HPLC		
Product Code	THXO1048		
Batch No	THLXO/HOB/023/23		
Date of Manufacturing	March 2023		
Re- Analysis Date	February 2026		
Quantity	115 Kg		
Extraction Solvent	Ethanol: Water (70:30)		
Extraction Ratio	15:1		
Botanical name	<i>Ocimum sanctum</i>		
Plant part	Leaves		
Parameter	Specification	Result	Method/Protocols
Physical			
Description	Greenish 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	2.9 % w/w	USP<731>
Particle size 60 #	Not less than 90%	Complies	USP<786>
Tapped bulk density	Between 0.40 g/ml and 0.80 g/ml	0.48 g/ml	USP<616>
Others			
Lead	Not more than 3.0 PPM	1.0 ppm	ICP MS <USP 231>
Cadmium	Not more than 1.0 PPM	0.4 ppm	ICP MS <USP 231>
Arsenic	Not more than 1.0 PPM	0.5 ppm	ICP MS <USP 211>
Mercury	Not more than 0.1 PPM	0.05 ppm	ICP MS <USP 261>
Chemical			
Content of Ursolic Acid	NLT 2.5 % w/w	2.57% w/w	By HPLC
Pesticides			
Pesticides	As per USDA NOP standards	Conform	AOAC 2007.01
Residual Solvent			
Ethanol	NMT 5000 ppm	Complies	USP<467>
Microbiological Profile			
Total plate count	Not more than 5,000cfu/g	240 cfu/g	USP<61>
Yeast and mould count	Not more than 100cfu/g	10 cfu/g	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