

Total Ingredients

CERTIFICATE OF ANALYSIS GINGER EXTRACT GINGEROLS 5% BY UV

Product	Ginger Extract Gingerols 5% By UV		
Product Code	THX1558		
Batch No	THLX/GIN/053/23		
Date of Mfg.	September 2023		
Date of Re-Analysis	August 2026		
Quantity	250 Kgs		
Botanical name	<i>Zingiber officinale</i>		
Extraction Solvent	Ethanol		
Plant part	Rhizome		
Country of origin	India		
Parameter	Specification	Result	Method/Protocols
Physical			
Description	Brown color free flowing powder with characteristic taste and odor	Complies	Physical
Identification	To comply by UV	Complies	UV
Loss on drying at 105 ^o C	Not more than 5% w/w	Complies	USP<731>
Particle size 40 #	Not less than 95%	Complies	USP<786>
Bulk Density	Between 0.30 g/ml and 0.50 g/ml	Complies	USP<616>
Tapped bulk density	Between 0.40 g/ml and 0.80 g/ml	Complies	USP<616>
pH of 1% w/v suspension	Between 4.0 and 7.0	Complies	USP<791>
Heavy Metals			
Total content of Heavy metals	NMT – 10 ppm	Complies	USP<231>
Lead	Not more than 3.0 PPM	Complies	ICP-MS
Cadmium	Not more than 1.0 PPM	Complies	ICP-MS
Arsenic	Not more than 2.0 PPM	Complies	ICP-MS
Mercury	Not more than 0.1 PPM	Complies	ICP-MS
Chemical			
Assay- Content of total Gingerol	Not less than 5.0%	Complies	By UV
Residual Solvent			
Ethanol	NMT 5000ppm	Complies	USP<467>
Microbiological Profile			
Total Plate Count	Not more than 5,000 cfu/g	Complies	USP<61>
Yeast and Mold Count	Not more than 100 cfu/g	Complies	USP<61>
<i>Staphylococcus aureus</i>	Absent	Absent	USP<62>
<i>E. coli</i>	Absent	Absent	USP<62>
<i>Salmonella</i>	Absent	Absent	USP<62>
<i>Pseudomonas aeruginosa</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.