

CERTIFICATE OF ANALYSIS
BACOPA MONNIERI EXTRACT 50% BACOSIDES (by HPLC)

Product	Bacopa monnieri Extract 50% Bacosides (by HPLC)		
Product Code	THX1090		
Batch No	THLX/BAC/021/22		
Date of Manufacturing	August-2022		
Expiry Date	July-2025		
Quantity	250 Kg		
Extraction Solvent	Methanol & Water		
Botanical name	<i>Bacopa monnieri</i>		
Plant part	Whole Plant		
Country of Origin	India		
Parameter	Specification	Result	Method/Protocols
Physical			
Description	Brown to greenish brown color powder with characteristic taste and odor	Complies	Physical
Identification	To comply by TLC	Positive	TLC
Moisture	Not more than 5.0% w/w	3.6%	USP<921>
Particle size 40 #	Not less than 90%	98.5%	USP<786>
Solubility	Soluble in Ethanol	Soluble	USP<1236>
Tapped bulk density	Between 0.40 g/ml and 0.80 g/ml	0.59 g/ml	USP<616>
Total Ash content	NMT 20%	2.90%	USP<561>
pH Value	4 to 7	5.58	USP <791>
Others			
Lead	Not more than 3.0 PPM	Complies	ICP-MS
Cadmium	Not more than 1.0 PPM	Complies	ICP-MS
Arsenic	Not more than 1.0 PPM	Complies	ICP-MS
Mercury	Not more than 0.1 PPM	Complies	ICP-MS
Chemical			
Assay – Content of TotalBacoside	NLT 50% w/w	50.84%	By HPLC
Residual Solvent			
Methanol	NMT 3000 ppm	Complies	USP<467>
Microbiological Profile			
Total plate count	Not more than 5,000cfu/g	<10cfu/g	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.