

# Total Ingredients

## CERTIFICATE OF ANALYSIS BILBERRY EXTRACT 10:1

<b>Product</b>	Bilberry Extract 10:1		
<b>Product Code</b>	THX1713		
<b>Batch No</b>	THLX/BIL/151/23		
<b>Date of Manufacturing</b>	June 2023		
<b>Re- Analysis Date</b>	May 2026		
<b>Quantity</b>	950 Kg		
<b>Extraction solvent</b>	Water		
<b>Extract Ratio</b>	10:1		
<b>Botanical name</b>	<i>Vaccinium spp.</i>		
<b>Plant part</b>	Fruit		
<b>Country of Origin</b>	India		
<b>Parameter</b>	<b>Specification</b>	<b>Result</b>	<b>Method/Protocols</b>
<b>Physical</b>			
Description	Purple red fine powder with characteristic taste and odor	Complies	Physical
Loss on drying	Not more than 8.0%	3.37%	USP<731>
Ash	Not more than 8.0%	0.50%	USP<561>
Loose density	0.300-0.800g/ml	0.4962g/ml	USP<616>
Tapped density	0.400-0.900g/ml	0.6643g/ml	USP<616>
Particle size	98% pass 80 mesh	Complies	USP<786>
<b>Others</b>			
Heavy metal	Not more than 20.0 ppm	Complies	Colorimetric method
Arsenic	Not more than 2.0 ppm	0.256ppm	AFS
Lead	Not more than 2.0 ppm	0.090ppm	AFS
Cadmium	Not more than 1.0 ppm	<0.05ppm	AFS
Mercury	Not more than 0.1 ppm	<0.05ppm	AFS
<b>Chemical</b>			
Assay – content of Proanthocyanidins	≥15.0%	15.34%	UV
<b>Microbiological Profile</b>			
Total plate count	Not more than 10,000cfu/g	900cfu/g	USP<61>
Yeast	Not more than 1000cfu/g	<10cfu/g	USP<61>
Mould	Not more than 1000cfu/g	<10cfu/g	USP<61>
Coliforms	≤0.92MPN/g	Absent	USP<62>MPN counting method
Salmonella	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: -At room temperature

Prepared by  
Executive – QC

Approved by  
Head-QC/QA

\*The product is manufactured by Pure TruHerb Pvt. Ltd