

# Total Ingredients

## CERTIFICATE OF ANALYSIS KELP EXTRACT 30% POLYSACCHARIDES BY UV

<b>Product</b>	<b>Kelp Extract 30% polysaccharides by UV</b>		
<b>Product Code</b>	THX1732		
<b>Batch No</b>	THLX/KEL/181/22		
<b>Date of Manufacturing</b>	Feb 2022		
<b>Re- Analysis Date</b>	Jan 2025		
<b>Quantity</b>	250 Kg		
<b>Extraction solvent</b>	Water		
<b>Botanical name</b>	<i>laminaria japonica Aresch.</i>		
<b>Plant part</b>	Leaves		
<b>Country of Origin</b>	India		
<b>Parameter</b>	<b>Specification</b>	<b>Result</b>	<b>Method/Protocols</b>
<b>Physical</b>			
Description	Brown yellow powder with characteristic taste and odor	Complies	Physical
Loss on drying	Not more than 5.0%	2.82%	USP<731>
Ash content	Not more than 5.0%	3.15%	USP<561>
Particle size 80 #	Not less than 95%	Complies	USP<786>
Bulk Density	Between 0.40-0.60 g/ml	0.54g/ml	USP<616>
<b>Others</b>			
Total Heavy metals	< 10.0 ppm	Complies	USP<852>
Lead	Not more than 2.0 ppm	0.73 ppm	USP<852>
Cadmium	Not more than 1.0 ppm	0.05 ppm	USP<852>
Arsenic	Not more than 2.0 ppm	1.08 ppm	USP<852>
Mercury	Not more than 0.5 ppm	0.02 ppm	USP<852>
<b>Chemical</b>			
Assay – content of Polysaccharides	Not Less than 30%	30.56%	By UV
Assay	Ratio 10:1	Complies	By TLC
<b>Microbiological Profile</b>			
Total plate count	Not more than 1,000cfu/g	200cfu/g	USP<61>
Yeast and mould count	Not more than 100cfu/g	10 cfu/g	USP<61>
<i>Escherichia coli</i>	Absent	Absent	USP<62>
<i>Salmonella</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			
<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.