

## PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<b>TRIBULUS TERRESTRIS</b>	<b>Date of Expiry</b>	03 Years
<b>Product Name</b>	Gokharu Extract	<b>Extraction Solvent</b>	Methanol
<b>Report No</b>	TT/OHZ/22-04/23	<b>Extraction Ratio</b>	15:1
<b>Parts of Plant</b>	Fruit	<b>Origin</b>	India
<b>Cas No</b>	90131-68-3	<b>HSN Code</b>	13021919

TEST	SPECIFICATION	METHOD
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### A. Physical Parameters:

<b>Appearance</b>	Fine powder	Visual
<b>Color</b>	Dark to light brown color	Visual
<b>Odour</b>	Characteristic	Organoleptic
<b>Taste</b>	Characteristic	Organoleptic
<b>Identification</b>	Complies	TLC
<b>Loss on Drying (At 105°C)</b>	NMT 8.0% w/w	USP 731
<b>Particle Size (40 mesh)</b>	NLT 95.0% w/w	USP 786
<b>pH (1% Aqu. Sol<sup>n</sup>.)</b>	Between 4.0 to 7.0	USP 791
<b>Solubility In Water</b>	NLT 70.0% w/v	USP 1236
<b>Solubility In Alcohol</b>	NLT 60.0% w/v	USP 1236
<b>Bulk Density</b>		
<b>Tapped</b>	0.350 gm/ml	USP 616
<b>Untapped</b>	0.250 gm/ml	USP 616

### B. Active Ingredients:

<b>Saponins</b>	NLT 40.0% w/w	<b>Gravimetric</b>
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### C. Heavy Metals:

<b>Lead (PB)</b>	NMT 2.0 ppm	ICPMS-AAS
<b>Arsenic (AS)</b>	NMT 3.0 ppm	ICPMS-AAS
<b>Cadmium (CD)</b>	NMT 0.3 ppm	ICPMS-AAS
<b>Mercury (HG)</b>	NMT 0.1 ppm	ICPMS-AAS

### D. Microbiological Test:

<b>Total Plate Count</b>	NMT 1000 cfu/gm	USP 2021
<b>Total Yeast &amp; Mold Count</b>	NMT 100 cfu/gm	USP 2021
<b>Escherichia coli</b>	Absent	USP 2022
<b>Salmonella spp.</b>	Absent	USP 2022
<b>Staphylococcus Aureus</b>	Absent	USP 2022
<b>Pseudomonas Aeruginosa</b>	Absent	USP 62

### E. Mycotoxin:

<b>Aflatoxins (B1+B2+G1+G2)</b>	---	USP 561
<b>Pesticide Residues</b>	---	USP 561

### F. Other:

Standard Packing: 25 Kg in single HDPE Container.

The material is free from Allergens / GMO / BSE - TSE.

The material is not tested on animals.

The material is non-irradiated & not treated with ETO.

The above material complies with in-house specifications.

Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C.

The Product Is of Herbal Origin. There May Be Minor Color Difference Due To Geographical and Seasonal Variation of the Plant Material.

**Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.**

