

## PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<b><i>TINOSPORA CORDIFOLIA</i></b>	<b>Date of Expiry</b>	03 Years
<b>Product Name</b>	Guduchi Extract	<b>Extraction Solvent</b>	Methanol
<b>Report No</b>	TC/OHZ/22-11/23	<b>Herb Extraction Ratio</b>	10:1
<b>Parts of Plant</b>	Stem	<b>Origin</b>	India
<b>Cas No</b>	90131-61-6	<b>HSN Code</b>	13021919
TEST		SPECIFICATION	METHOD
<b>A. Physical Parameters:</b>			
<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>B. Active Ingredients:</b>			
<b>Bitter</b>	NLT 3.0% w/w		Gravimetric
<b>C. Heavy Metals:</b>			
<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
<b>D. Microbiological Test:</b>			
<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</b>	Absent		USP 61
<b>Pseudomonas Aeruginosa</b>	Absent		USP 61
<b>E. Mycotoxin:</b>			
<b>Aflatoxins (B1+B2+G1+G2)</b>	---		USP 561
<b>Pesticide Residues</b>	---		USP 561
<b>F. Other:</b>			
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.**

