

## PRODUCT SPECIFICATION

<b>Botanical Name</b>	<b><i>OCIMUM SANCTUM</i></b>	<b>Date of Expiry</b>	03 Years
<b>Product Name</b>	Tulsi Extract	<b>Extraction solvent</b>	---
<b>Report No.</b>	OS/OHZ/2313/23	<b>Extraction Ratio</b>	10:1
<b>Parts of Plant</b>	Leaf	<b>Origin</b>	India
<b>Cas No</b>	91845-35-1	<b>HSN Code</b>	13021919

TEST	SPECIFICATION	METHOD
<b>A. Physical Parameters:</b>		
<b>Appearance</b>	Fine powder	Visual
<b>Colour</b>	Light to brown color	Visual
<b>Odour</b>	Characteristic	Organoleptic
<b>Taste</b>	Characteristic	Organoleptic
<b>Identification</b>	By TLC	TLC
<b>Loss on Drying (At 105<sup>0</sup>C)</b>	NMT 8.0% w/w	USP 731
<b>Particle Size (40 Mesh)</b>	NLT 95.0% w/w	USP 786
<b>Bulk Density</b>		
<b>Tapped</b>	NLT 0.350 gm/ml	USP 616
<b>Untapped</b>	NLT 0.250 gm/ml	USP 616
<b>Solubility</b>		
<b>Water Soluble Extractive</b>	NLT 70.0%	USP 516
<b>Alcohol Soluble Extractive 50 %</b>	NLT 60.0%	USP 516
<b>pH</b>	Between 4.0 to 7.0	USP 516
<b>B. Active Ingredients:</b>		
<b>Tannin</b>	NLT 12.0% w/w	Gravimetric
<b>C. Heavy Metals:</b>		
<b>Lead (PB)</b>	NMT 2.0 ppm	AOAC
<b>Arsenic (AS)</b>	NMT 3.0 ppm	AOAC
<b>Cadmium (CD)</b>	NMT 0.3 ppm	AOAC
<b>Mercury (HG)</b>	NMT 0.1 ppm	AOAC
<b>D. Microbiological Test:</b>		
<b>Total Plate Count</b>	NMT 1000 cfu/g	USP 2021
<b>Total Yeast &amp; Mold Count</b>	NMT 100 cfu/g	USP 2021
<b>Escherichia coli</b>	Absent	USP 2022
<b>Salmonella</b>	Absent	USP 2022
<b>Staphylococcus Aureus</b>	Absent	USP 2022
<b>Pseudomonas Aeruginosa</b>	Absent	USP 2022
<b>E. Mycotoxin:</b>		
<b>Aflatoxins (B1+B2+G1+G2)</b>	---	USP 561
<b>Pesticides</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.**

