

## PRODUCT SPECIFICATION

INCI/Botanical Name	<b>CURCUMA LONGA</b>	Date of Expiry	03 Years
Product Name	Turmeric Spent Oil W/s	Extraction Solvent	Ethyl Acetate
Report No	CL/SLA/CP-220909/23	Extraction Ratio	---
Parts of Plant	Rhizome	Origin	India
Cas No	8024-37-1	HSN Code	13019099

TEST	SPECIFICATION	METHOD
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### A. Physical Parameters:

Appearance	Oily liquid	Visual
Color	Orange brown to dark brown color	Visual
Odour / Taste	Characteristic	Organoleptic
Identification	To comply by HPLC	In- House
Solubility	Soluble in water	USP 1236

### B. Active Ingredients:

Total Curcuminoids	Between 8.0 to 12.0% w/w	HPLC
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### C. Heavy Metals:

Lead	NMT 3.0 ppm	USP 233
Arsenic	NMT 1.0 ppm	USP 233
Mercury	NMT 0.1 ppm	USP 233
Cadmium	NMT 1.0 ppm	USP 233

### D. Residue Solvent :

Ethyl Acetate	Complies	USP 561
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### E. Microbiological Test:

Total Plate Count	NMT 3000 cfu/g	USP 2021
Yeast & Mold	NMT 100 cfu/g	USP 2021
Escherichia coli	Negative/10g	USP 2022
Salmonella	Negative/10g	USP 2022
Coliforms	Negative/ 10g	USP 2021

### F. Mycotoxin:

Total Aflatoxins	NMT 10.0 ppb	USP 561
Aflatoxin B1	NMT 5.0 ppb	USP 561
Pesticides Residual	To comply as per USP	USP 561

### G. Nutrition Value:

Carbohydrates	Between 15 to 17 g/100g	SOP
Energy	Between 700 to 800 Kcal/100gm	SOP
Fat	Between 70 to 80 g/100g	AOC
Protein	Between 0.30 to 0.40 g/100g	IS
Sugar	NMT 0.1 to 0.5 g/100g	IS

### H. 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.**

