

PRODUCT SPECIFICATION

INCI/Botanical Name	SWERTIA CHIRATA	Date of Expiry	03 Years
Product Name	Chirayata Extract	Extraction Type	Solvent extraction
Report No	SC/OHZ/22-02/23	Extraction Ratio	10:1
Parts of Plant	Whole Plant	Origin	India
Cas No	17388-39	HSN Code	13021919

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Fine powder	Visual
Color	Dark to brown color	Visual
Odour	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Identification	by TLC	TLC
Solubility		
Water Soluble Extractive	NLT 70.0% w/v	USP 561
Alcohol Soluble Extractive	NLT 60.0% w/v	USP 561
pH (1% Aqu. Sol ⁿ .)	Between 4.0 to 7.0	USP 791
Loss on Drying (At 105 ^o C)	NMT 8.0% w/w	USP 731
Ash Content	NMT 10.0%	USP 281
Tapped Bulk Density	NLT 0.350 gm/ml	USP 616
Untapped Bulk Density	NLT 0.250 gm/ml	USP 616
Particle Size (40 Mesh)	NLT 95.0% w/w	USP 786

B. Active Ingredients:

Bitter	NLT 5.0% w/w	Gravimetric
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C. Heavy Metals:

Lead (PB)	NMT 2.0 ppm	AOAC
Arsenic (AS)	NMT 3.0 ppm	AOAC
Cadmium (CD)	NMT 0.3 ppm	AOAC
Mercury (HG)	NMT 0.1 ppm	AOAC

D. Microbiological Test:

Total Plate Count	NMT 1000 cfu/g	USP 2021
Total Yeast & Mold Count	NMT100 cfu/g	USP 2021
Escherichia coli	Absent	USP 2022
Salmonella	Absent	USP 2022
Staphylococcus Aureus	Absent	USP 2022
Pseudomonas Aeruginosa	Absent	USP 62

E. Mycotoxin:

Aflatoxin (B1+B2+G1+G2)	---	USP 561
Residual Pesticides	---	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.