

PRODUCT SPECIFICATION

INCI/Botanical Name	CENTELLA ASIATICA	Date of Expiry	03 Years
Product Name	Gotu Kola Extract	Extraction Type	Methanol
Report No	CA/OHZ/2302/23	Extraction Ratio	8:1
Parts of Plant	Whole Plant	Origin	India
Cas No	84696-21-9	HSN Code	13021919

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Fine powder	Visual
Color	Dark to light brown color	Visual
Odour	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Identification	Complies	TLC
Loss on Drying (At 105°C)	NMT 8.0% w/w	IP-2010
Particle Size (40 mesh)	NLT 95.0% w/w	IP-2010
pH (1% Aqu. Sol ⁿ)	Between 4.0 to 7.0	IP-2010
Solubility In Water	NLT 70.0% w/v	IP-2010
Solubility In Alcohol	NLT 60.0% w/v	IP-2010
Bulk Density		
Tapped	0.350 gm/ml	USP 616
Untapped	0.250 gm/ml	USP 616

B. Active Ingredients:

Saponins	NLT 20.0% w/w	Gravimetric
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C. Heavy Metals:

Lead (PB)	NMT 2.0 ppm	ICPMS-AAS
Arsenic (AS)	NMT 2.0 ppm	ICPMS-AAS
Cadmium (CD)	NMT 0.3 ppm	ICPMS-AAS
Mercury (HG)	NMT 0.1 ppm	ICPMS-AAS

D. Microbiological Test:

Total Plate Count	NMT 5000 cfu/gm	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/gm	USP 2021
Escherichia coli	Absent	USP 2022
Salmonella Spp	Absent	USP 2022
Pseudomonas Aeruginosa	Negative	USP 2022
Staphylococcus	Negative	USP 2022

E. Contaminates:

Aflatoxin (B1+B2+G1+G2)	NMT- 20 ppb	USP 561
Pesticides Residue	Organic requirement	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 Br Minor Color Different of the Geographical and Seasonal Variation of the Plant Material.

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