

PRODUCT SPECIFICATION			
INCI/Botanical Name	<i>MOMORDICA CHARANTIA</i>	Date of Expiry	03 Years
Product Name	Karela Extract	Extraction solvent	---
Report No.	MC/OHZ/23-01/23	Extraction Ratio	10:1
Parts of Plant	Fruit	Origin	India
Cas No	57126-62-2	HSN Code	13021919
TEST	SPECIFICATION	METHOD	
A. Physical Parameters:			
Appearance	Fine powder	Visual	
Color	Dark to light brown color	Visual	
Odour	Characteristic	Organoleptic	
Taste	Characteristic	Organoleptic	
Identification	by TLC	TLC	
Solubility			
Water Soluble Extractive	NLT 70.0% w/v	USP 1236	
Alcohol Soluble Extractive (50%)	NLT 60.0% w/v	USP 1236	
pH	Between 4.0 to 7.0	USP 791	
Loss on Drying (At 105 ⁰ C)	NMT 8.0% w/w	USP 731	
Bulk Density			
Tapped	NLT 0.350 gm/ml	USP 616	
Untapped	NLT 0.250 gm/ml	USP 616	
Particle Size (40 Mesh)	NLT 95.0% w/w	USP 786	
B. Active Ingredients:			
Bitter	NLT 3.0% w/w	Gravimetric	
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	NMT 100 cfu/g	USP 2021	
Escherichia coli	Absent	USP 2022	
Salmonella	Absent	USP 2022	
Staphylococcus Aureus	Absent	USP 2022	
Pseudomonas Aeruginosa	Absent	USP 2022	
E. Mycotoxin:			
Aflatoxins (B1+B2+G1+G2)	---	USP 561	
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 Different Due to Geographical and Seasonal Variation of the Plant Material.			

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

