

PRODUCT SPECIFICATION

INCI/Botanical Name	CICER ARIETINUM	Product Name	Garbanzo Extract
Parts of Plant	Legume	Report No	CA/HP/23
Extraction Ratio	Liquid Extract	Origin	India
Extraction Base	Water/Solvent	Date of Expiry	02 Years
Cas No	92113-26-3	HSN Code	13021919
TEST	SPECIFICATION		METHOD

A. Physical Parameters:

<u>Solvent Used</u>	PROPYLENE GLYCOL	GLYCERIN	DISTILLED	
Appearance	Liquid	Liquid	Clear liquid	Visual
Color	Light brown	Light brown	Colorless	Visual
Odour	Characteristic	Characteristic	Characteristic	Organoleptic
Miscibility				
Water	Miscible	Miscible	Miscible	USP 516
Propylene	Miscible	Miscible	Miscible	USP 516
Alcohol (50% Alcohol)	Miscible	Miscible	Miscible	USP 516
pH (1% Aqu. Solⁿ.)	Between 4.0 to 7.0	Between 4.0 to 7.0	Between 4.0 to 7.0	USP 791
Specific Gravity (At 20^oC)	Between 1.000 to 1.100 gm/ml	Between 1.16 to 1.23 gm/ml	Between 1.000 to 1.100 gm/ml	Pycnometer

B. Active Ingredients:

Protein	Presence	Presence	---	USP
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C. Heavy Metals:

Lead (PB)	NMT 1.0 ppm	NMT 1.0 ppm	NMT 1.0 ppm	USP 233
Mercury (HG)	NMT 1.0 ppm	NMT 1.0 ppm	NMT 1.0 ppm	USP 233
Arsenic (AS)	NMT 1.0 ppm	NMT 1.0 ppm	NMT 1.0 ppm	USP 233
Cadmium (CD)	NMT 1.0 ppm	NMT 1.0 ppm	NMT 1.0 ppm	USP 233

D. Microbiological Test:

Total Aerobic Count	NMT 1000 cfu/gm	NMT 1000 cfu/gm	NMT 1000 cfu/gm	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/gm	NMT 100 cfu/gm	NMT 100 cfu/gm	USP 2021
Escherichia coli	Absent	Absent	Absent	USP 2022
Salmonella	Absent	Absent	Absent	USP 2022
S. aureus	Absent	Absent	Absent	USP 2022
Staphylococcus	Absent	Absent	Absent	USP 2022

E. Other:

Standard Packing: 25 Kg in single HDPE Container.
 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^oC.
 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.

