

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>AESCULUS HIPPOCASTANUM</i>	Product Name	Horse Chestnut Extract
Parts of Plant	Seed	Report No	AH/HP//23
Extraction Ratio	Liquid Extract	Origin	India
Extraction Base	Water/Solvent	Date of Expiry	02 Years
Cas No	8053-39-2	HSN Code	13021919
TEST	SPECIFICATION		METHOD

A. Physical Parameters:

Solvent Used	PROPYLENE GLYCOL	GLYCERIN	DISTILLED	
Appearance	Clear liquid	---	---	Visual
Color	Light brown	---	---	Visual
Odour	Characteristic	---	---	Organoleptic
Miscibility				
Water	Between 4.0 to 7.0	---	---	USP 516
Propylene	Miscible	---	---	USP 516
Alcohol (50% Alcohol)	Miscible	---	---	USP 516
pH (1% Aqu. Sol ⁿ .)	Miscible	---	---	USP 791
Specific Gravity (At 20 ⁰ C)	Between 1.000 to 1.100gm/ml	---	---	Pycnometer

B. Active Ingredients:

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

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

D. Microbiological Test:

Total Aerobic Count	NMT 1000 cfu/gm	---	---	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/gm	---	---	USP 2021
Escherichia coli	Absent	---	---	USP 2022
Salmonella	Absent	---	---	USP 2022
S. aureus	Absent	---	---	USP 2022
Staphylococcus	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 30⁰C.

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.

