

PRODUCT SPECIFICATION			
INCI/Botanical Name	CRATAEVA NURVULA	Date of Expiry	03 Years
Product Name	Varuna Extract	Extraction Solvent	Hydro Alcoholic
Report No	CN/KHL/766/23	Extraction Ratio	10:1
Parts of Plant	Bark	Origin	India
Cas No	9005-34-9	HSN Code	13021919
TEST		SPECIFICATION	METHOD
A. Physical Parameters:			
Appearance	Fine powder		Visual
Color	Brown color		Visual
Odor	Characteristic		Organoleptic
Taste	Slight bitter taste		Organoleptic
pH (1% Aqu. Solⁿ.)	Between 4.0 to 7.0		USP 791
Loss on Drying (At 105^oC)	NMT-8.0% w/w		USP 731
Water Soluble Extractives	NLT- 80.0% w/w		USP 561
Alcohol soluble Extractives (50%)	NLT- 70.0% w/w		USP 561
Ash Content	NMT-10.0% w/w		USP 281
B. Active Ingredients:			
Saponins	NMT 10% w/w		GV
C. Heavy Metals:			
Lead	NMT 10.0 ppm		AOAC
Arsenic	NMT 3.0 ppm		AOAC
Mercury	NMT 1.0 ppm		AOAC
Cadmium	NMT 0.3 ppm		AOAC
E. Residual solvent:			
Hydro Alcoholic	Complies		USP 467
D. Microbiological Test:			
Total Plate Count	NMT 1000 cfu/gm		ICP-MS
Total Yeast & Mould	NMT 100 cfu/gm		ICP-MS
E. Coil	Absent		ICP-MS
Salmonella	Absent		ICP-MS
Staphylococcus aureus	Absent		ICP-MS
Pseudomonas Aeruginosa	Absent		ICP-MS
F. Mycotoxin:			
Aflatoxin (B1+B2+G1+G2)	---		USP 561
Residual Pesticides	---		USP 561
G. 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.

