



INDO PHYTOCHEM PHARMACEUTICALS

Manufacturing & exporter of Phytochemicals, Herbal Extract and Nutraceuticals

CERTIFICATE OF ANALYSIS		
PRODUCT NAME	RESERPINE	
Botanical source: Rauwolfia Vomitoria Root	Used Part : BARK	
Batch No. : 110330162023	Date of Mfg.: NOV 2023	
Quantity : 500.0Grams	Date of Exp. : OCT 2028	
ASSAY	SPECIFICATION	RESULT
ASSAY BY UV ON DRIED BASIS	NLT 98.0% -102.0%	99.37%
ASSAY BY HPLC ON DRIED BASIS	NLT 97.0% - 101.0%	99.14%
TOTAL ALKALOIDS ON DRIED BASIS	NLT 99.0% -101.0%	99.38%
PHYSICAL CHARECTERSTICS		
Appearance	White to slightly yellow crystalline powder	White to slightly yellow crystalline powder
Loss On Drying	NMT 0.50%	0.35%
Identification by UV, IR & Other as per BP	Should comply	Complies
Oxidation Products	Abs. NMT 0.10 A ⁰	0.06A ⁰
Solubility	Should Comply	complies
a) Solubility in Water	Practically insoluble	Practically insoluble
b) Solubility in Ether	Practically insoluble	Practically insoluble
c) Solubility in Ethanol 96%	Very slightly soluble	Very slightly soluble
d) Solubility in Chloroform	Freely soluble	Freely soluble
Residue on Ignition	NMT 0.10%	Complies
PURITY TEST		
Heavy Metals A) Arsenic; B) Lead; C) Cadmium A) Mercury	NMT 1ppm each	Complies
Specific Optical Rotation on Dried basis	(-) 116 ⁰ to (-)128 ⁰	(-) 125.7 ⁰
MICROBIOLOGICAL EVALUATION		
i) Standard plate count	NMT 2000cfu/gm	Complies
ii) Yeast and Mold	NMT 100cfu/gm	Complies
iii) E.Coli	Should be absent	Absent
iv) Salmonella	Should be absent	Absent
v) Pseudomonas	Should be absent	Absent
OTHER INFORMATION :		
Storage and Handling: Store in sealed container in a cool and dry place		
Shelf Life : 5 Years		
Packing : 1kg aluminum foil bags, 5kgs, 10kgs & 25kgs HMHDPE DRUM or as per requirement of buyer		
Uses : Antihypertensive		
Remark: The Material complies as per USP.		



Prepared By (Executive QC)	Checked By (Manager QC)	Approved By (Manager QA)
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ISO 9001:2015



ISO 22000:2018



GMP



HACCP



STAR-K-KOSHER CERTIFIED FACILITIES