

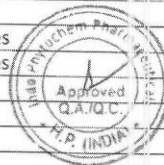


INDO PHYTOCHEM PHARMACEUTICALS

Manufacturer & exporter of Phytochemicals, Herbal Extracts and Nutraceuticals

CERTIFICATE OF ANALYSIS

| PRODUCT NAME | | RESERPINE USP |
|--|---|---|
| Botanical source: Rauwolfia Vomitoria Root | | Used Part : BARK |
| Batch No. : 110330102020 | | Date of Mfg.: AUG 2020 |
| Quantity : 500.0Gram | | Date of Exp. : JULY 2023 |
| Analytical prot.No. : IPP/RES/20 | | Test Control No. : 110330102020 |
| ASSAY | SPECIFICATION | RESULT |
| ASSAY BY UV ON DRIED BASIS | NLT 98.0% -102.0% | 99.48% |
| ASSAY BY HPLC ON DRIED BASIS | NLT 97.0% - 101.0% | 99.25% |
| TOTAL ALKALOIDS ON DRIED BASIS | NLT 99.0% -101.0% | 99.48% |
| 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 | NMT 1ppm each | Complies |
| A) Arsenic; B) Lead; C) Cadmium | | |
| A) Mercury | | |
| Specific Optical Rotation on Dried basis | (-) 116 ⁰ to (-)128 ⁰ | (-) 125.4 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. | | |



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ISO 9001:2015



ISO 22000:2018



GMP



WHO-GMP



HACCP



Star-K Kosher Certified Facilities

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