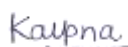


## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Shilajit Resin 80.0%	<b>Batch No.</b>	2442061406
<b>Botanical Name</b>	<i>Asphaltum punjabianum</i>	<b>Mfg. Date</b>	January 2025
<b>Part Used</b>	Rock /Stone	<b>Exp. Date</b>	December 2027

S. N.	TEST PARAMETERS	RESULTS	SPECIFICATION	METHODS
<b>A</b>	<b>PHYSICO CHEMICAL TESTS</b>			
1	Description	Blackish Colored Resin	Blackish Colored Resin	Visually
2	Color	Dark Blackish Color	Dark Blackish Color	Visually
3	Taste	Complies	Astringent in Taste	Visually
4	Odor	Complies	Characteristic	Visually
5	Identification test by TLC Method	Complies	Positive	API
6	pH (1% w/v of aq. Solution)	7.88	5.0 – 9.0	IS 1390:1983
7	Brix (@25°C)	85.00% w/w	NLT- 70.0% w/w	In House Method
8	Water Solubility	95.88% w/w	NLT – 90.00% w/w	API
9	Total Aflatoxin B <sub>1</sub> , B <sub>2</sub> /G <sub>1</sub> G <sub>2</sub>	Not Detected	NMT-5 ppb	API
10	Pesticide Residue	Not Detected	Negative	API
11	Preservative:-Sodium Benzoate	0.052% w/w	0.1% w/w	I.H
<b>B</b>	<b>ACTIVE INGREDIENTS/ASSAY</b>			
12	Assay: - Fulvic Acid Content	80.24% w/w	NLT- 80.00% w/w	By In House Method
13	Assay: - Humic Acid Content	4.36% w/w	NMT- 5.00% w/w	By In House Method
14	Assay: - Polyphenol Content	7.54% w/w	NLT-7.00% w/w	By U.V Method
<b>C</b>	<b>HEAVY METALS</b>			
15	Lead	1.40 ppm	NMT – 3.0 ppm	By ICP-MS
16	Arsenic	0.80 ppm	NMT – 2.0 ppm	By ICP-MS
17	Mercury	Not Detected	NMT – 1.0 ppm	By ICP-MS
18	Cadmium	0.020 ppm	NMT – 0.1 ppm	By ICP-MS
<b>D</b>	<b>MICROBIOLOGICAL TEST</b>			
19	Total Plate Count	252cfu/gm	NMT – 1000cfu/gm	IS 5402 (P-I): 2021
20	Total Yeast & Moulds	40cfu/gm	NMT – 100cfu/gm	IS 5403:1999
21	Escherichia coli	Absent	Absent	IS 5887(P-I): 1976
22	Salmonella	Absent	Absent	IS 5887(P-3): 1999
23	Total Coliforms	Absent	Absent	IS 1622: 1981 (RA 2018)

1. Three years in original packed condition from the date of manufacturing.
2. Store at cool, dry place away from direct sunlight & moisture.
3. The material shall be fit for human consumption & complies with prescribed standards

  
 (Dr. Kalpana Katiyar)  
 Head, ATRIC