

CERTIFICATE OF ANALYSIS

SHILAJIT EXTRACT 20%	
Product Code. : 30000396	Batch No. : SHI25IB0271
Botanical Name : <i>Shilajit</i>	Date of Manufacturing : Feb - 2025
Report No. : AREG250321	Date of Expiry : Jan - 2028
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Parameter	Specification	Results	Protocol#
Physical			
Description	Brown to dark brown powder	Complies	Organoleptic
Loss on drying	Not more than 5.0% w/w	3.02% w/w	USP <731>
Untapped bulk density	Not less than 0.20 g/ml	0.66 g/ml	USP <616>
Tapped bulk density	Not less than 0.25 g/ml	0.97 g/ml	USP <616>
Particle size	Not less than 95% passing through 60 mesh	Complies	USP <786>
Chemical			
Content of Fulvic acid by Gravimetry	Not less than 20.0% w/w	21.05% w/w	By Gravimetry
Heavy Metals			
ICP-MS			
Lead	Not more than 3.0 ppm	Complies	AOAC 2015.01
Arsenic	Not more than 2.0 ppm	Complies	AOAC 2015.01
Cadmium	Not more than 1.0 ppm	Complies	AOAC 2015.01
Mercury	Not more than 0.1 ppm	Complies	AOAC 2015.01
Polycyclic Aromatic Hydrocarbons**			
Benzo(a)pyrene	Not more than 10 ppb	Complies	EU Regulation 2020/1255
Sum of Benzo(a) Pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene & Chrysene	Not more than 50 ppb	Complies	
Microbiological			
Total plate count	Not more than 3000 cfu/g	100 cfu/g	USP <2021>
Total yeast and mold count	Not more than 100 cfu/g	10 cfu/g	USP <2021>
<i>Escherichia coli</i>	Negative / 10 g	Complies	USP <2022>
<i>Salmonella spp.</i>	Negative / 10 g	Complies	USP <2022>
<i>Coliforms</i>	Negative / 10 g	Complies	USP <2021>
<i>Staphylococcus aureus</i>	Negative / 10 g	Complies	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative / 10 g	Complies	USP <62>

Conclusion: This Product complies with the specifications based on the above tests conducted

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Additional information	
Sanitizing treatment	Non-irradiated and not treated with ETO
Certification	NSF, ISO 22000, ISO 9001:2015 Certified
Genetic Modification Status	GMO free
BSE / TSE status	BSE / TSE free
Country of origin	India
Manufactured by	Ingex Botanicals Pvt. Ltd. Bangalore. 562 123. India
Shelf life	3 years in unopened original packing stored at recommended storage condition.
Packing	Packed in double layered food grade polythene bag followed by 50 L HDPE Container.
Standard Pack size	25 kg in single HDPE Container with LDPE liner
Storage Condition	Store in dry, cool place, protected from light, heat and oxidation. The recommended storage temperature is below 30° C.

** Parameter analysis shall be done once in 10 batches/customer requirement.

USP 44 is the version used for test protocol.