



CERTIFICATE OF ANALYSIS (COA)

PRODUCT : SHILAJIT RESIN

Product code : MGD0SJR0070	Botanical Name : <i>Asphaltum</i>
Batch No : MASTPFM250017P	Mfg. Date : 28/01/2026
Date of Analysis : 28/01/2026	Exp. Date : 27/01/2029
Analytical No : MRD/FG/25-26/AR-0099	Batch Size : 41.0 kg

Sr. No.	Protocols Of Test	Test Methods	Standard to which Compared	Result
1.0	Description			
a	Appearance	Organoleptic	Dark Brown colour Thick paste	Complies
b	Colour	Organoleptic	Brown colour	Complies
c	Odour	Organoleptic	Characteristic	Complies
d	Taste	Organoleptic	Characteristic	Complies
2.0	Analytical Data			
a	Identification	By TLC	Identification test Positive	Positive
b	PH (1%w/v solution)	IP- 2014	3-8	4.64
c	TDS	IP- 2014	NLT- 75%	80.0% w/w
d	Solubility in water	IP- 2014	NLT-85%w/w	98.92%w/w
3.0	Assay			
a	Fulvic Acid content	By Gravimetric	NLT 70.0%	79.85% w/w
4.0	Heavy Metals			
a	Lead	ICP-MS	NMT-1.0 ppm	Complies
b	Arsenic	ICP-MS	NMT-1.0 ppm	Complies
c	Cadmium	ICP-MS	NMT-0.3 ppm	Complies
d	Mercury	ICP-MS	NMT-0.1 ppm	Complies
5.0	Microbiological Test			
a	Total Plate Count	USP<2021>	NMT-1000cfu/gm	221 cfu/g
b	Yeast/Moulds/Fungi	USP<2021>	NMT-100cfu/gm	22 cfu/g
c	E. Coli	USP<2022>	Absent	Negative
d	Salmonella	USP<2022>	Absent	Negative
e	Staphylococcus aureus	USP<2022>	Absent	Negative

- 1 - Storage Condition: - Store at cool, dry place away from light & moisture.
- 2 - Shelf life: - 3 Year in original packed condition from the date of Mfg.
- 3 - The material shall be fit for human consumption.

Disclaimer:

This product is derived from natural botanical sources. Variations in colour, odour, and appearance may occur due to natural and seasonal variability of raw materials. Such variations are characteristic of natural products and do not indicate non-conformity.

The values reported in this Certificate of Analysis represent typical or batch-specific analytical results and are provided for informational purposes only. They should not be interpreted as guaranteed specifications unless explicitly stated.

This product is manufactured in facilities operating under appropriate quality management systems and hygiene practices consistent with industry standards for botanical and essential oil production.

The product is intended for industrial and professional use in applications such as feed, flavour, fragrance, and cosmetics, subject to applicable local regulations within ASEAN member states.

This product is not intended for direct medicinal use.