



CERTIFICATE OF ANALYSIS

PRODUCT: SHILAJIT RESIN

Product code: MGDOSJR0070	Botanical Name : <i>Asphaltum</i>
Batch No: MASTPFM230285P	Mfg. Date: 19/03/2024
Date of Analysis: 20/03/2024	Exp. Date : 18/03/2027
Analytical No.: MRD/FG/23-24/AR-1429	Batch Size.: 145 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	4.75
c	TDS	ip-2014	NLT 75%	85.01%w/w
d	Solution in water	ip-2014	nlt-85%w/w	98.97%w/w
e				
f				
g				
3.0	Assay[on dry wt. basis]			
a	Fulvic acid content	by gravimetric	nlt 70.0%	72.78%w/w
4.0	Heavy Metals			
a	Lead	icp-ms	nmt-1.0ppm	complies
b	Arsenic	icp-ms	nmt-1.0ppm	complies
c	Cadmium	icp-ms	nmt-1.0ppm	complies
d	Mercury	icp-ms	nmt-0.5ppm	complies
5.0	Microbiological test			
a	Total plate count	usp<2021>	nmt-1000cfu/gm	110 cfu/g
b	yeast/moulds/fungi	usp<2021>	nmt-100cfu/gm	10cfu/g
c	E.coli	usp<2022>	absent	negative
d	salmonella	usp<2022>	absent	negative
e	staphylococcus aureus	usp<2022>	absent	negative

Prepared By: Approved By:

