

CERTIFICATE OF ANALYSIS

SHILAJIT EXTRACT (ASPHALTUM PUNJABIANUM) DP 50% WE

Batch	Manufacturer	Manufactured	Expiration	Quantity
0000843453	37AZDX	08/04/2025	07/04/2028	378,1 Kg
Botanical Name	Asphaltum punjablamum			
Common Name	Shilajit			
Plant part used	Whole bituminous substance			
Extraction solvent	Water			
Extract ratio	3.5:1 to 4:1			
Country of origin	India			
Description	Dark brown colour powder	Complies	Visual	
Odour & Taste	Characteristic	Complies	Sensorv	
Extractive value in water	NLT 60%	89.45 % w/w	USP<561>	
pH of 1% w/v aqueous solution	NLT 3.0%	8.10	USP<616>	
Water content (by KF)	NMT 6%	4.61 %w/w	USP<616>	
Tapped density	NLT 0.50 g/ml	0.72 g/ml	USP<616>	
Assay (anhydrous basis)				
Total Fulvic acid content	NLT 50% w/W	58.74 % w/w	Bv Gravimetric	
Lead	NMT 3.0ppm	0.22 ppm	ICP-MS	
Arsenic	NMT 1.0ppm	0.27 ppm	ICP-MS	
Cadmium	NMT 1.0ppm	< 0.01 ppm	ICP-MS	
Mercury	NMT 0.1ppm	< 0.01 ppm	ICP-MS	
Total aerobic microbial count	NMT 10000 cfu/g	235 cfu/g	USP<2021>	
Total yeast & molds counts	NMT 1000 cfu/g	35 cfu/g	USP<2021>	

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E.Coli		Absent/g	Absent	USP<2022>
Salmonella		Absent/g	Absent	USP<2022>
Pseudomonas aeruginosa		Absent/g	Absent	USP<62>
Staphylococcus aureus		Absent/g	Absent	USP<2022>
Residual solvents		Complies as per USP limit	Complies	USP<467>
Pesticides residue		Complies as per USP limit	Complies	BvGC-MS
Aflatoxins B1		NMT 5ppb	< 0.5 ppb	By LC-MS/MS
Total Aflatoxins B1+B2+G1+G2		NMT 10ppb	< 0.5 ppb	By LC-MS/MS
Benzo(a) pyrene		NMT 10ppb	< 0.5 ppb	ByGC-MS
PAH-4sum		NMT 50ppb	< 0.5 ppb	ByGC-MS
Ethyl oxide (Sum od ethylene oxide and 2-chloroethanol)		NMT 0.01ppm	< 0.01 ppm	ByGC-MS
Pyrrolizidine Alkaloids		NMT 400 ppb	< 5.0 ppb	ByGC-MS

Storage: Preserve in well- closed container, protected from direct sunlight and moisture. Store at room temperature

Shelf life: 3 years