

CERTIFICATE OF ANALYSIS**Product Description**

Product Name	Shilajit Extract	Nature of product	Powder
Botanical Name	<i>Asphaltum punjabianum</i>	Origin	India
Part Used	Stone	Solvents Used	Hydroalcoholic
Batch no.	UL/SE/20240125	Manufacturing Date	Jan-24
Batch Quantity	5 kg	Expiry date	Dec- 27

Testing parameters

Items	Specification	Physical Parameters	
		Method	Results
Color	Brown color	Organoleptic	Complies
Odor	Characteristic	Organoleptic	Complies
Taste	Natural	Organoleptic	Complies
Solubility	Soluble in water	In House	Complies
Appearance	Soft resin	Organoleptic	Complies
Analytical Quality			
Identification	Identical to R.S. sample	TLC	Complies
Moisture (w/w)	< 10.0%	In House	4.12%
Ash (w/w)	< 5.0%	In House	3.34%
Acid insoluble ash(w/w)	< 2.4%	In House	1.10%
Bulk Density	40-80 g/100mL	In House	Complies
Assay (Fulvic acid)	80 %	Titration	80.25 %
Heavy Metals			
Arsenic	Max 1.1 ppm	ICP-OES	B.L.Q
Cadmium	Max 1.0 ppm	ICP-OES	B.L.Q
Lead	Max 2.5 ppm	ICP-OES	B.L.Q
Mercury	Max 0.1 ppm	ICP-OES	B.L.Q
Contaminants			
Aflatoxin B1	≤2ppb	EASI-CHE-SOP-18	Complies
Aflatoxin B2	≤2ppb	EASI-CHE-SOP-18	Complies
Aflatoxin G1	≤2ppb	EASI-CHE-SOP-18	Complies
Aflatoxin G2	≤2ppb	EASI-CHE-SOP-18	Complies
Ethylene Oxide	≤0.01mg/kg	EKA-CHE-SOP-053(By GC-MS)	Complies
Pesticides Residues	Organic Requirements	EKA-CHE-SOP-030(By LC-MSMS & GC-MSMS)	Complies
Microbiological			
Total Plate count/g	<10000 CFU/g	ISO 4833-1-2013	<1000 CFU/g
Yeast & molds /g	<100 CFU/g	ISO 21527-2:2008	<100 CFU/g
Coliform/g	<10 CFU/g	ISO 4832:2006	<10 CFU/g
Escherichia coli(/25g)	Negative	ISO 16649-2-2001	Negative
Salmonella(/25g)	Negative	ISO 6579-1:2017/AMD 1:2020	Negative

Note: B.L.Q – Below Limit of Quantification, Limit of Quantification: 0.05mg/kg for Heavy Metals

CONCLUSION : CONFIRM WITH SPECIFICATION
STORAGE : STORE IN COOL & DRY PLACE. KEEP AWAY FROM STRONG LIGHT AND HEAT.
SHELF LIFE : 3 YEARS WHEN PROPERLY STORED

THE INFORMATION HEREIN IS CORRECT BASED ON OUR KNOWLEDGE; PLEASE
EVALUATE THE RAW MATERIAL PRIOR TO USE IN A FINISHED PRODUCT.
COMPUTER GENERATED CERTIFICATE, VALID WITHOUT SIGNATURE.

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