



Test Report No: 075/2024

Date of Issue: 28-02-2024

**TEST REPORT
OF
SHILAJIT SAMPLE**

Customer: M/s JACKED NUTRITION,
Main Margala Road, E-11 Islamabad.

Test Date: 15th-27th Feb 2024

Customer's Ref. No.: Nil

Description of the Tested Sample:

Nature /Material of Sample: Shilajit

No. of samples: 01

Customer's ID of Sample: Nil

Job No: 037

ILO Code: ATR-042

Receiving Date: 14-02-2024

Environmental Conditions during Measurements:

Temperature: (25 ± 5) °C

Relative Humidity: (50 ± 10)%

Traceability of Measurement:

Measurements are traceable to SI units through Certified Reference Materials (CRM) / Reference Materials (RM).

Ref. Standards/ Method / Equipment used:

PrEN 13727 (2009), PrEN 13624 (2010), EN (12054)

Analysis Report of Shilajit

S. #	Culture	Bacterial Count (log ₁₀) (Control)	Contact Time (Min)	Bacterial Count (log ₁₀) (Treated)	Reduction in (log ₁₀)
1	<i>E. coli</i>	6.25	1 min ± 5sec	3.19	3.06
2	<i>Staph. aureus</i>	5.87	1 min ± 5sec	2.87	3.00

Standard Reduction in log₁₀ > 5 for bacterial strains

- 1 log Reduction: 90 % reduction
- 2 log Reduction: 99 % reduction
- 3 log Reduction: 99.9 % reduction
- 4 log Reduction: 99.99 % reduction
- 5 log Reduction: 99.999 % reduction
- 6 log Reduction: 99.9999 % reduction

END OF DOCUMENTS

Reported by:

Checked / Verified by:

Approved by:



Senior Scientific Officer

Fouzia Hussain
Sr. Scientific Officer
PCSIR Labs M/o Science & Technology, Islamabad.

Director PCSIR-Labs

Dr. Ahmad Bilal
Director Page 1 of 1
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M/o Science & Technology



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Date of Issue: 28-02-2024

TEST REPORT
OF
SHILAJIT SAMPLE

Customer: M/s JACKED NUTRITION,
Main Margala Road, E-11 Islamabad.

Test Date: 16th-27th Feb 2024

Customer's Ref. No.: Nil

Description of the Tested Sample:

Nature /Material of Sample: Shilajit

Job No: 037

No. of samples: 01

ILO Code: ATR-042

Customer's ID of Sample: Nil

Receiving Date: 14-02-2024

Environmental Conditions during Measurements:

Temperature: (25 ± 5) °C

Relative Humidity: (50 ± 10)%

Traceability of Measurement:

Measurements are traceable to SI units through Certified Reference Materials (CRM) / Reference Materials (RM).

Ref. Standards/ Method / Equipment used:

- Official Method of analysis of AOAC international 19th edition, 2012.
- Atomic Absorption Spectrophotometer (AAS)

Analysis Report of Shilajit

Sr. No	Parameter / Element	Result
1.	Taste	Bitter
2.	Solubility in water	Soluble
3.	pH	5.5
4.	Moisture (%) at 105°C	13.05
5.	Total Ash (%) at 700 °C	10.52
6.	Volatile Matter (%) at 550 °C	89.48
7.	Lead (Pb) (ppm)	N.D*
8.	Copper (Cu) (ppm)	ND*
9.	Cadmium(Cd) (ppm)	ND*

ND* = Not Detectable (Detection Limit (ppm) Pb=0.05, Cu=0.05, Cd=0.05)

END OF DOCUMENTS

Reported by:

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Certificate is issued to conditions mentioned overleaf