



GOVERNMENT OF PAKISTAN  
Ministry of Science & Technology  
Pakistan Council of Scientific & Industrial Research  
Laboratories Complex Peshawar  
Jamrud Road, Peshawar 25120 – Pakistan

Doc. # PLC/1LO/FF/7.8/01 Issue Date: 12.12.2022 Rev. #: 01

**TEST REPORT**

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Test Report #, 1087

Lab. Code No: MBC-233/2024

Date: 12-08-2024

Case # ILS/ATR/1087/2024

1. Name and Address of Customer:

M/s. Organo, Chughal Pura, BRT Stop, Evergreen CNG Pump, Near Jamat-e-Islamia Madrassa, G.T. Road, Peshawar.

Ref. No (if any): Nil

Date: 23-07-2024

Date of receipt: 23-07-2024

2. Description of the Sample (s)

Test of Shilajit for Zinc Manganese and Cadmium

Mark if any: Nil

Condition found on receipt:

Not Applicable

3. Sampling Plan/Procedure used: (Where Applicable)

Not Applicable

Date of sampling:

Not Applicable

4. Environmental Conditions: (Where applicable)

Temp: 22°C

Humidity: 55%

5. Method Used/Statement of Compliance:

- Atomic Absorption Spectrometry by John Edward, Cantle, 1982.
- AOAC 19<sup>th</sup> Edition, 2012

6. Measurements & Results:

Sample ID	Parameters Checked	Result of Analysis (Atomic Absorption Spectrometry) mg/kg
Shilajit	Zinc (Zn)	0.13
	Cadmium (Cd)	0.03
	Manganese (Mn)	0.59

7. Remarks/Comments (Where required):

Not Applicable

- Note:
- This test/calibration certificate is based solely on the particular sample(s) supplied by the customer and should not be reported in part.
  - Sampling has not been performed by the PCSIR Labs and PCSIR does not accept the responsibility that the item(s) supplied is/are truly representative items(s) of any batch or stock or entire production.
  - While the PCSIR agrees to take every reasonable precaution to ensure validity of its test results, it assumes no liability there of beyond the amount of the fee charged for the analysis/test.
  - The party shall assume full responsibility for the ethical use of the results in the test/calibration certificate and the laboratory shall be held free from any and all claims, which may result from the use of such data by the customer or others.
  - After completion of the test/calibration the sample if required will be retained for one month until negotiated otherwise.
  - The contents of this certificate cannot be, in any manner, used for the publicity of the product or any advertisement.
  - Uncertainty of measurement can be provided on request.



Reviewed by:

Section Incharge

Verified by:

Head of the Centre

Approved by:

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Ref. No (if any): Nil

Date: 23-07-2024

Date of receipt: 23-07-2024

2. Description of the Sample (s)

Test of Shilajit for Narcotics

Mark if any: Nil

Condition found on receipt:

Not Applicable

3. Sampling Plan/Procedure used:  
(Where Applicable)

Not Applicable

Date of sampling:

Not Applicable

4. Environmental Conditions:  
(Where applicable)

Temp: 22°C

Humidity: 55%

5. Method Used/Statement of Compliance:

- FARMACIA, 2008, Vol. VI, 5
- United States Pharmacopeia, 2018
- British Pharmacopeia, 2018

6. Measurements & Results:

Sample ID	Parameters Checked	Result of GCMS Analysis
Shilajit	Diacetylmorphine	Not detected
	Methamphetamine	Not detected
	Cannabionoids	Not detected
	Opiates	Not detected

7. Remarks/Comments (Where required): Not Applicable

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Ref. No (if any): Nil

Date: 23-07-2024

Date of receipt: 23-07-2024

2. Description of the Sample (s)

Test of Shilajit for Fulvic Acid and Humic Acid

Mark if any: Nil

Condition found on receipt:

Not Applicable

3. Sampling Plan/Procedure used:  
(Where Applicable)

Not Applicable

Date of sampling:

Not Applicable

4. Environmental Conditions:  
(Where applicable)

Temp: 22°C

Humidity: 55%

5. Method Used/Statement of Compliance:

i. Richard T. Lamar etal, JOAC, 93 (3), 2014, 721-730.  
ii. Sekar Sasikala etal, Int. J.of Multidisciplinary R&D. 5 (5),1988, 198-199.  
iii. Suraj P. A etal, J. of Serb. Chem. Soc., 75 (3), 2010, 413-422.

6. Measurements & Results:

Sample ID	Parameters Checked	Result (%)
Shilajit	Fulvic Acid	1.2
	Humic Acid	4.35

7. Remarks/Comments (Where required): Not Applicable

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