



Nutrition Division

National Institute of Health, Islamabad 45500

Phone +92-51-9255116, 9255079, Email: chiefnutritiondivision@nih.org.pk

WHO Focal Point for Food Safety / Federal Public Analyst Lab for Food Quality**Total Diet Study Laboratory****Analysis Report**

Reception No.	7448	Receiving Date	20-09-2023
Laboratory No.	TDS-34	Reporting Date	26-09-2023
Name / Address of Client	Supreme Shilajit (Pvt) Ltd, Dogars Market Fiverview Road, Gilgit.		
Labelling / Packing	Product Name / Product Detail	Salajeet (170 gm)	
	Brand / Manufacturer	Supreme Shilajeet	
	Packing	Sealed Glass Container	
	Batch/Lot No.	-	
	Manufacturing Date.	-	Expiry Date.
Importer Address	-		

Physical Parameters


Parameters	Results	Parameters	Results
Color	Satisfactory	Appearance	Satisfactory
Odor	Satisfactory	Organoleptic	Satisfactory

Chemical Parameters

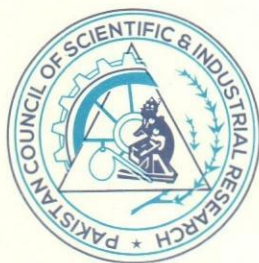
Parameters	Results	Reference Values
Moisture	6.72 %	-
Ash	9.94 %	-
Fat	5.92 %	-
Protein (N×6.25)	16.18 %	-
Carbohydrates (By Difference)	61.64 %	-
K-Calories /100gm	364.50	-
Iron	1045 mg/L	-
Copper	Not Detected (<0.01 ppm)	Not more than 30 ppm
Chromium	Not Detected (<0.01 ppb)	-
Arsenic	Not Detected (<0.005 ppm)	Not more than 1 ppm

Conclusion: Test performed as per request.**Remarks:**

Reference: Pakistan Pure Food Rules / PPFR/ PSQCA.


Officer Incharge (Laboratory)
Chief Nutrition Division, NIH**Note:**

- Authenticity of the sample rests with the Applicant
- Report Not Valid for Court Purpose



1479

Sr. No. PCSIR-IL

Government of Pakistan
MINISTRY OF SCIENCE & TECHNOLOGY
Pakistan Council of Scientific & Industrial Research (PCSIR)
PCSIR Laboratories Islamabad, 16 Sector H/9, Islamabad 44000, Pakistan

Test Report No: 849/2023

Date of Issue: 11-10-2023

TEST REPORT
OF
SHILAJIT SAMPLE

Customer: M/s The Supreme Shilajit Pvt,Ltd
Shop No 2, Dogars Market River View Road
Gilgit, Pakistan.

Test Date: 20th Sep to 26th Oct 2023**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: 449

ILO Code: ATR-822

Receiving Date: 20-09-2023

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 (Microbiology)

S. #	Culture	Bacterial Count (log ₁₀) (Control)	Contact Time (Min)	Bacterial Count (log ₁₀) (Treated)	Reduction in (log ₁₀)
1	<i>E. coli</i>	6.15	1 min ± 5sec	3.01	3.14
2	<i>Staph. aureus</i>	6.21	1 min ± 5sec	3.97	2.77

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:

Operator

Senior Scientific Officer

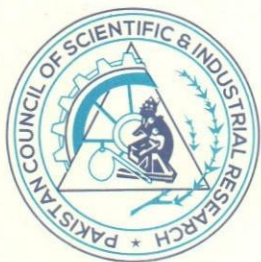
Director PCSIR-Labs

Razia Kalsoom
Sr. Scientific Officer
PCSIR Labs M/o Science &
Technology, Islamabad.

Dr M Tahseen Aslam
Director/PSO
PCSIR Labs M/o Science &
Technology, Islamabad

Page 1 of 1

Report / Certificate is issued to conditions mentioned overleaf

Sr. No. PCSIR-IL **1480**

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Pakistan Council of Scientific & Industrial Research (PCSIR)
PCSIR Laboratories Islamabad, 16 Sector H/9, Islamabad 44000, Pakistan

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

Analysis Report of Shilajit

Sr. No	Parameter / Element	Result
1.	pH of 10% Solution	5.2
2.	Moisture & Volatile Matter at 105°C (%)	8.73
3.	Lead (Pb) (ppm)	0.01
4.	Copper (Cu) (ppm)	ND*
5.	Cadmium(Cd) (ppm)	ND*

ND* = Not Detectable (Detection Limit, Cd 0.02 mg/kg, Cu 0.015mg/kg.)

END OF DOCUMENTS

Reported by:**Checked / Verified by:****Approved by:**

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Senior Scientific Officer

Director PCSIR-Labs

Dr M Tahseen Aslam
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