

Magic Tree Superfoods  
 302 Pimento House  
 20 Bridle Mews  
 London  
 E1 8ZD

# TEST REPORT

**Receipt Date:** 24/03/2023  
**Order Number:**

**Visual Inspection:** Satisfactory

**Report ID:** F-1151433  
**Report Issued:** 01/05/2023 10:29:25

| Lab Reference | Test Date  | Sample Description                          | M001 Aerobic Colony<br>Count 30°C/48hr cfu/g | M005 Presumptive<br>Coliforms 37°C/24h<br>cfu/g | M011 Beta<br>Glucuronidase<br>Positive E.coli cfu/g | M014 Coagulase<br>Positive<br>Staphylococci cfu/g |
|---------------|------------|---|--|---|---|---|
| FS6757365     | 27/03/2023 | Pure Shilajet Resin in 15 jars BB June 2024 | < 10   | < 10  | < 10  | < 20  |

Multiple sample test report approved under the direction of: Yvonne Wood; Microbiology Operations Manager

Opinions and Interpretations expressed herein are outside the scope of our ISO17025 accreditation.  
 These results are representative of the sample submitted by the client. This report shall not be reproduced except in full without approval of the laboratory.

Intertek Food (UK), Unit 7 & 7a, Sawley Park, Derby, DE21 6AS  
 ITS Testing Services (UK) Limited Registered in England & Wales. Company Number: 1408264  
 Registered office : Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ

Issue Number: 1



# TEST REPORT

Receipt Date: 24/03/2023  
Order Number:

Visual Inspection: Satisfactory

Report Issued:

| Lab Reference | Test Date  | Sample Description                          | M020 Presumptive<br>Pseudomonas<br>25°C/44hr cfu/g | M022 Mould<br>25°C/120hr DRBC<br>cfu/g |
|---------------|------------|---|--|--|
| FS6757365     | 27/03/2023 | Pure Shilajet Resin in 15 jars BB June 2024 | < 20   | < 20                                   |

Multiple sample test report approved under the direction of: Yvonne Wood; Microbiology Operations Manager

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| Lab Reference | Test Date  | Sample Description                          | M022 Yeast<br>25°C/120hr DRBC<br>cfu/g | M041 Detection of<br>Salmonella spp by<br>ELISA in 25g |
|---------------|------------|---|--|--|
| FS6757365     | 27/03/2023 | Pure Shilajet Resin in 15 jars BB June 2024 | < 20                                   | Not Detected   |

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Issue Number: 1



## Analytical Report

Leigh Matheson  
Magic Tree Superfoods  
302 Pimento House 20 Bridle Mews  
London  
E1 8ZD  
United Kingdom

**Customer reference:** W5ZE 1567  
**Date of sample receipt:** 16 May 2023  
**Report issue date:** 23 May 2023

**Sample Type:**  
Other (Liquid)

**Customer Reference:**  
Shilajit

Signed:

A handwritten signature in black ink, appearing to read "Mike Walls".

Mike Walls, Senior Analyst  
Michael.Walls@fera.co.uk

Ben Watkin, Senior Analyst  
ben.watkin@fera.co.uk

This report has been prepared by FERA after exercise of all reasonable care and skill, but is provided without liability in its application and use. This report may not be reproduced except in full, without the written approval of FERA. Samples will be disposed of ten working days after the issue date of this report unless requested otherwise by the customer.



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## Report Details:

### Method Summary:

FSG 461: Totals method (Batch BTR)

Aliquots of homogenised test sample were digested in a mixture of nitric acid and hydrochloric acid using a high-pressure microwave system. Quantification was by inductively coupled plasma-mass spectrometry (ICP-MS) with collision cell. Quality checks included blanks, spikes, and certified reference materials.

### Report Summary:

All data are corrected for reagent blank and spike recovery. The Reporting Limit was calculated from 10 x standard deviation of reagent blank values adjusted for dilution and sample weight. Reference material data were satisfactory.

< denotes result is less than the Reporting Limit

# Analytical Report



## Sample Details:

**FERA Reference:** S23-030389      **Sample received on:** 16 May 2023

**Sample Type:** Other (Liquid)

**Customer Reference:** Shilajit

**Additional Information:** Health Supplement

## Analytical results:

|         | <u>Result</u> | <u>Recovery</u> | <u>Batch</u> | <u>Reporting</u> |
|---------|---------------|-----------------|--------------|------------------|
|         |               | <u>%</u>        | <u>Code</u>  | <u>Limit</u>     |
| Arsenic | 1.2 mg/kg     | 114             | BTR          | 0.005 mg/kg      |
| Cadmium | 0.152 mg/kg   | 106             | BTR          | 0.005 mg/kg      |
| Lead    | 1.39 mg/kg    | 89              | BTR          | 0.04 mg/kg       |
| Mercury | < 0.03 mg/kg  | 102             | BTR          | 0.03 mg/kg       |

For guidance on how to interpret the results, please see below.

According to COMMISSION REGULATION (EC) No 1881/2006 as of 31/12/2020 (Brexit)

- 3.1.22 Lead max limit in Food supplements is 3.0 mg/kg
- 3.2.21 Cadmium max limit in Food supplements is 1.0 mg/kg or 3.0 mg/kg depending on the composition of the food supplement
- 3.3.3 Mercury max limit in Food supplements is 0.1 mg/kg

There is no recommended maximum limit for Arsenic in Food supplements as yet. The sample is below the regulation limits for all of the target elements.”

Included below are the links below for the current legislation for the UK and Europe. You may find it useful. The European link is a rework of the original regulations and came into effect on 25/04/2023

<https://www.legislation.gov.uk/eur/2006/1881>

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32023R0915>