



Certificate of Analysis MHJ0175

Client Details

Client	Signal Ecommerce Pty Ltd (Focurius)
Contact	Tue Quang To (Ethan)
Address	Unit 17, 20-22 Hardner Road, Mount Waverley, VIC, 3149

Sample Details

Your Reference	Focurius Black Gold Shilajit Resin - heavy metals, cations & organic matter
Number of Samples	1 Solid
Date Samples Received	09/10/2026
Date Instructions Received	09/10/2026

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for soils and on an as received basis for other matrices.

Report Details

Date Final Results Expected	16/10/2026
Date of Issue	16/10/2026

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Accredited for compliance with ISO/IEC 17025. Tests not covered by NATA are denoted with *.

Authorisation Details

Results Approved By	Chaminda Gunasekara, Inorganics Supervisor Tara White, Metals Supervisor
Laboratory Manager	Chris De Luca

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Samples in this Report

Envirolab ID	Sample ID	Matrix	Date Sampled	Date Received
MHJ0175-01	FOCURIUS-SHILAJIT-001	Solid	05/10/2026	09/10/2026

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Acid Extractable Metals (Solid)

Envirolab ID Your Reference	Units	PQL	MHJ0175-01 FOCURIUS-SHIL AJIT-001 Date Sampled 05/10/2026
Arsenic*	mg/kg	4.0	<4.0
Boron*	mg/kg	10	75
Barium*	mg/kg	1.0	5.0
Beryllium*	mg/kg	1.0	<1.0
Cadmium*	mg/kg	0.40	<0.40
Cobalt*	mg/kg	1.0	<1.0
Chromium*	mg/kg	1.0	<1.0
Copper*	mg/kg	1.0	<1.0
Mercury*	mg/kg	0.10	<0.10
Manganese*	mg/kg	1.0	23
Molybdenum*	mg/kg	1.0	<1.0
Nickel*	mg/kg	1.0	1.2
Lead*	mg/kg	1.0	<1.0
Antimony*	mg/kg	10	<10
Selenium*	mg/kg	2.0	<2.0
Tin*	mg/kg	2.0	<2.0
Zinc*	mg/kg	1.0	5.3
Calcium*	mg/kg	10	8600
Potassium*	mg/kg	10	51000
Magnesium*	mg/kg	10	5500
Sodium*	mg/kg	10	4900

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Inorganics - Carbon, Nitrogen and Sulfur Species (Solid)

Envirolab ID	Units	PQL	MHJ0175-01
Your Reference			FOCURIUS-SHIL
			AJIT-001
Date Sampled			05/10/2026
Organic Carbon (Walkley Black)*	mg/kg	1000	270000
Total Organic Carbon (Walkley Black)*	mg/kg	1000	360000
Total Organic Matter (Walkley Black)*	mg/kg	1000	620000

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Method Summary

Method ID	Methodology Summary
INORG-036	Total Organic Carbon and/or Matter - A titrimetric method that measures the oxidisable organic content of soils.
METALS-020	Determination of various metals by ICP-AES. Where salts (oxides, chlorides etc.) are calculated from the element concentration stoichiometrically, there is no guarantee that the salt form is completely soluble in the acids used in the preparation. Where molecular anion forms are calculated from an element (e.g. SO4 from S or PO4 from P stoichiometrically), the assumption is that the element is only present in that molecular anion form. Submission of low masses of sample e.g. for dust samples, may result in raised PQLs.
METALS-021	Determination of Mercury by Cold Vapour AAS.

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Result Definitions

Identifier	Description
NR	Not reported
NEPM	National Environment Protection Measure
NS	Not specified
LCS	Laboratory Control Sample
RPD	Relative Percent Difference
>	Greater than
<	Less than
PQL	Practical Quantitation Limit
INS	Insufficient sample for this test
NA	Test not required
NT	Not tested
DOL	Samples rejected due to particulate overload (air filters only)
RFD	Samples rejected due to filter damage (air filters only)
RUD	Samples rejected due to uneven deposition (air filters only)
##	Indicates a laboratory acceptance criteria outlier, for further details, see Result Comments and/or QC Comments

Quality Control Definitions

Blank

This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, and is determined by processing solvents and reagents in exactly the same manner as for samples.

Surrogate Spike

Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

LCS (Laboratory Control Sample)

This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Matrix Spike

A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

Duplicate

This is the complete duplicate analysis of a sample from the process batch. The sample selected should be one where the analyte concentration is easily measurable.

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Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria. Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction. Spikes for Physical and Aggregate Tests are not applicable. For VOCs in water samples, three vials are required for duplicate or spike analysis.

General Acceptance Criteria (GAC) - Analyte specific criteria applies for some analytes and is reflected in QC recovery tables.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% - see ELN-P05 QAQC tables for details (available on request); <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase. Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was typically insufficient in order to satisfy laboratory QA/QC protocols.

Miscellaneous Information

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached. We have taken the sampling date as being the date received at the laboratory.

Two significant figures are reported for the majority of tests and with a high degree of confidence, for results <10*PQL, the second significant figure may be in doubt i.e. has a relatively high degree of uncertainty and is provided for information only.

Measurement Uncertainty estimates can be downloaded from the [Envirolab Resources website](#) or obtained directly by contacting the laboratory.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS where sediment/solids are included by default.

Urine Analysis - The BEI values listed are taken from the 2022 edition of *TLVs and BEIs Threshold Limits by ACGIH*.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volume(s) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Where air volumes and/or sampled areas and/or time based sampling data is supplied by customers and the customer is NATA accredited for the sampling activity then calculated concentrations can be reported on the endorsed Certificate of Analysis (CoA). Confirmation of the accreditation must be supplied by the customer and such information is used in good faith. Where the sampling is not covered by NATA accreditation then only the raw data can be reported on the CoA (e.g. mass, fibres per field)

Data Quality Assessment Summary MHJ0175

Client Details

Client	Signal Ecommerce Pty Ltd (Focurius)
Your Reference	Focurius Black Gold Shilajit Resin - heavy metals, cations & organic matter
Date Issued	16/10/2026

Recommended Holding Time Compliance

No recommended holding time exceedances

Quality Control and QC Frequency

QC Type	Compliant	Details
Blank	Yes	No Outliers
LCS	Yes	No Outliers
Duplicates	Yes	No Outliers
Matrix Spike	Yes	No Outliers
Surrogates / Extracted Internal Standards	Yes	No Outliers
QC Frequency	Yes	No Outliers

Surrogates/Extracted Internal Standards, Duplicates and/or Matrix Spikes are not always relevant/applicable to certain analyses and matrices. Therefore, said QC measures are deemed compliant in these situations by default. See Laboratory Acceptance Criteria for more information

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Recommended Holding Time Compliance

Analysis	Sample Number(s)	Date Sampled	Date Extracted	Date Analysed	Compliant
Cations Solid adhoc	1	05/10/2026	12/10/2026	12/10/2026	Yes
Metals Solid adhoc	1	05/10/2026	12/10/2026	12/10/2026	Yes
Metals-Hg Solid adhoc	1	05/10/2026	12/10/2026	12/10/2026	Yes
OC Walkley Black Solid adhoc	1	05/10/2026	15/10/2026	16/10/2026	Yes
TOC Walkley Black Solid adhoc	1	05/10/2026	15/10/2026	16/10/2026	Yes
TOM Walkley Black Solid adhoc	1	05/10/2026	15/10/2026	16/10/2026	Yes

Quality Control MHJ0175

METALS-020 | Acid Extractable Metals (Solid adhoc) | Batch BHJ1972

Analyte	Units	PQL	Blank	DUP1	DUP2	LCS %	Spike %
				MHJ0175-01 Samp QC RPD %	MHJ0175-01 Samp QC RPD %		
Antimony*	mg/kg	10	<10	<10 <10 [NA]		101	96.6
Arsenic*	mg/kg	4.0	<4.0	<4.0 <4.0 [NA]		104	104
Barium*	mg/kg	1.0	<1.0	5.00 4.96 [NA]		104	96.2
Beryllium*	mg/kg	1.0	<1.0	<1.0 <1.0 [NA]		103	98.0
Boron*	mg/kg	10	<10	75.1 74.6 0.688		103	99.8
Cadmium*	mg/kg	0.40	<0.40	<0.40 <0.40 [NA]		107	93.9
Calcium*	mg/kg	10	<10	8630 8980 3.95		116	[NA]
Chromium*	mg/kg	1.0	<1.0	<1.0 <1.0 [NA]		104	97.6
Cobalt*	mg/kg	1.0	<1.0	<1.0 <1.0 [NA]		104	95.1
Copper*	mg/kg	1.0	<1.0	<1.0 <1.0 [NA]		106	107
Lead*	mg/kg	1.0	<1.0	<1.0 <1.0 [NA]		101	91.2
Manganese*	mg/kg	1.0	<1.0	23.2 22.7 1.80		106	98.7
Mercury*	mg/kg	0.10	<0.10	<0.10 <0.10 [NA]		108	[NA]
Molybdenum*	mg/kg	1.0	<1.0	<1.0 <1.0 [NA]		103	99.0
Nickel*	mg/kg	1.0	<1.0	1.21 <1.0 [NA]		103	93.9
Selenium*	mg/kg	2.0	<2.0	<2.0 <2.0 [NA]		98.5	108
Tin*	mg/kg	2.0	<2.0	<2.0 <2.0 [NA]		100	96.8
Zinc*	mg/kg	1.0	<1.0	5.26 5.16 1.90		105	92.2
Potassium*	mg/kg	10	<10	51100 52600 2.74		130	[NA]
Magnesium*	mg/kg	10	<10	5460 5820 6.25		92.8	[NA]
Sodium*	mg/kg	10	<10	4880 5000 [NA]		121	[NA]

INORG-036 | Inorganics - Carbon, Nitrogen and Sulfur Species (Solid adhoc) | Batch BHJ2871

Analyte	Units	PQL	Blank	DUP1	LCS %
				MHJ0175-01 Samp QC RPD %	
Organic Carbon (Walkley Black)*	mg/kg	1000	<1000	269000 267000 0.579	[NA]
Total Organic Carbon (Walkley Black)*	mg/kg	1000	<1000	358000 356000 0.579	130
Total Organic Matter (Walkley Black)*	mg/kg	1000	<1000	617000 614000 0.579	[NA]