Harken Research
11 W. Del Mar Blvd, Suite 240
Pasadena, CA 91105

(424) 750-6220
https://harkenresearch.com
info@harkenresearch.com

Certificate of Analysis

Sample Name: **Sample**
Sample ID: **25HKN0762.03886**
Sample Type:
Sample Matrix: Slurry
Serving Size:
Servings/Pkg:
Batch#:
Date Produced:
Date Received: 4/22/2025
Test: Heavy Metals ; Minerals

Client
Muug LLC

Address
[redacted]

Test Results: Heavy Metals

SOP: TS.4.501
Analytical instrument: ICP-MS

Date Tested: 4/24/2025

Analyte	LOD	LOQ	Results			
	µg/g	µg/g	µg/g	%	µg/srv	µg/pkg
Lead	0.026	0.085	1.774	0.000177%	-	-
Arsenic	0.011	0.035	1.124	0.000112%	-	-
Cadmium	0.022	0.074	0.308	0.000031%	-	-
Mercury	0.005	0.017	<LOQ	-	-	-

Josh Snyder
Lab Director

Date issued: 5/2/2025

Sample Name: Sample
Sample ID: 25HKN0762.03886
Sample Type:
Sample Matrix: Slurry
Serving Size:
Servings/Pkg:
Batch#:
Date Produced:
Date Received: 4/22/2025
Test: Heavy Metals ; Minerals

Client
Muug LLC

Address
[redacted]

Test Results: Minerals

SOP: TS.4.502 Analytical instrument: ICP-MS

Date Tested: 4/24/2025

Analyte	LOD	LOQ	Results			
	mg/g	mg/g	mg/g	%	mg/srv	mg/pkg
Potassium	0.060	0.121	82.436	8.244%	-	-
Calcium	0.012	0.024	25.835	2.584%	-	-
Magnesium	0.012	0.024	10.410	1.041%	-	-
Iron	0.002	0.005	1.096	0.110%	-	-
Sodium	0.002	0.005	0.610	0.061%	-	-
Boron	0.012	0.024	0.266	0.027%	-	-
Manganese	0.0002	0.0005	0.098	0.010%	-	-
Zinc	0.00005	0.0001	0.046	0.005%	-	-
Copper	0.00005	0.0001	0.013	0.001%	-	-
Vanadium	0.00005	0.0001	0.003	0.0003%	-	-
Selenium	0.0005	0.001	0.003	0.0003%	-	-
Molybdenum	0.00002	0.00005	0.002	0.0002%	-	-
Chromium	0.00005	0.0001	0.002	0.0002%	-	-

Josh Snyder
Lab Director

Date issued: 5/2/2025

MOTZZ LABORATORY, INC.

Report: 955278
Reported: 5/15/2025
Received: 4/28/2025
PO: 762

Laboratory Analysis Report

Harken Research
Josh Snyder
1927 Paseo Rancho Castilla
Los Angeles, CA 90032

Project: 762

Lab Number	Sample ID
955278-1	Shilajit

Humic/Fulvic Acids: ISO Method

Test	*Method*	*Result*	*Units*
Humic Acid	ISO 19822*	7.14	%
Hydrophobic Fulvic Acid	ISO 19822*	23.35	%

**HPTA approved method*

CERTIFICATE OF ANALYSIS

4795 Enterprise Ave
Naples, FL 34104
239-227-4735
DaaneLabs.com

Client: Harken Research
1927 Paseo Rancho Castilla
Los Angeles, CA 90032

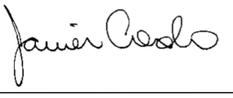
Order Number: DLSG250428-017
Date Received: 04/28/2025
Report Date: 05/05/2025
PO Number: 762

Comments:

Sample Name: Sample
Lot Number:
Sample Number: 25DL32906
Comments:

Arrival Temp (C): 20.3
Storage Location: Ambient
Condition: Acceptable

Test	Result	Unit	Reference Method
Total Plate Count	250	cfu/g	USP <2021>
Total Yeast & Mold Count	<100	cfu/g	USP <2021>
Escherichia coli	Negative	10 g	USP <2022>
Salmonella spp.	Negative	10 g	USP <2022>
Staphylococcus aureus	Negative	10 g	USP <2022>

Prepared By: 

Approved By: