



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**

Client

Sample Type:

**Muug LLC**

Sample Matrix: Slurry

Serving Size:

Servings/Pkg:

Address

Batch#:

[Redacted]

Date Produced:

[Redacted]

Date Received: 4/22/2025

Test: Heavy Metals ; Minerals

**Test Results: Heavy Metals**

SOP: TS.4.501

Analytical instrument: ICP-MS

Date Tested: 4/24/2025

Analyte	LOD	LOQ	Results			
			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

This product has been tested by Harken Research using valid testing methodologies and a quality system. Values reported relate only to the product tested. Harken Research makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Harken Research. Please contact Harken Research for information about measurement uncertainty.



**Sample Name: Sample**

**Sample ID: 25HKN0762.03886**

**Client**

Sample Type:

**Muug LLC**

Sample Matrix: Slurry

Serving Size:

Servings/Pkg:

Batch#:

**Address**



Date Produced:

Date Received: 4/22/2025

Test: Heavy Metals ; Minerals

**Test Results: Minerals**

SOP: TS.4.502

Analytical instrument: ICP-MS

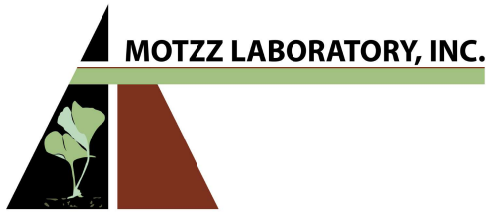
Date Tested: 4/24/2025

Analyte	LOD	LOQ	Results			
			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

This product has been tested by Harken Research using valid testing methodologies and a quality system. Values reported relate only to the product tested. Harken Research makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Harken Research. Please contact Harken Research for information about measurement uncertainty.



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

<i>Test</i>	<i>Method</i>	<i>Result</i>	<i>Units</i>
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:

<b>Sample Name:</b>	Sample	<b>Arrival Temp (C):</b>	20.3
<b>Lot Number:</b>		<b>Storage Location:</b>	Ambient
<b>Sample Number:</b>	25DL32906	<b>Condition:</b>	Acceptable
<b>Comments:</b>			

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Method</u>
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: Javier Cordero

Approved By: Jed Robinson

Page 1 of 1

Reports apply only to the sample(s) investigated and is not necessarily indicative of the quality or condition of apparently identical or similar samples, regardless of source or specified lot. All data and report(s) derived from Service(s) is for the exclusive use of the Customer who requested the report and paid for Service(s), and not for public dissemination or use by any other third parties, including for promotional purposes, without the prior written permission of DAL. Measurement Uncertainty (AOAC): Total Plate Count: +/-1.01, Total Rapid Plate Count: +/-1.02, Total Yeast & Mold: +/-1.02, Total Coliform 1.02, Total Enterobacteria +/-1.02 (USP); Total Plate Count: +/-1.11, Total Yeast & Mold: +/-1.17. All measurement uncertainties are displayed as CFU/g (ml). The laboratory is not responsible for sampling. Customer provided information includes: Sample Name(s) and Lot Number(s).