



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794

Report Number: 22-009242/D006.R000
Report Date: 08/11/2022
Purchase Order: andy8322
Received: 08/04/22 11:00 AM



Customer: Lamp Nutra
 3133 Tigar Run Ct Ste 104
 Carlsbad California 92010
 United States of America (USA)

Sample ID: LNK-L34-B1
Sample Matrix: Kratom powder
Laboratory ID: 22-009242-0001-00
Evidence of Cooling: No
Temp: 23.4 °C
Relinquished by: UPS

Sample Results

Microbiology

Micro Profile L Rapid (M6000)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	60,000	cfu/g	10,000	08/07/22	AOAC 990.12 (Petrifilm) ^P	
E.coli	< LOQ	cfu/g	100	08/07/22	AOAC 991.14 (Petrifilm) ^P	
Total Coliforms	< LOQ	cfu/g	100	08/07/22	AOAC 991.14 (Petrifilm) ^P	
Staphylococcus aureus	< LOQ	cfu/g	100	08/06/22	AOAC 2003.07 ^P	
Mold (RAPID Petrifilm)	10,000	cfu/g	10,000	08/08/22	AOAC 2014.05 (RAPID) ^P	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	08/08/22	AOAC 2014.05 (RAPID) ^P	
Listeria spp.	Negative	/5g		08/06/22	AOAC 2019.10 ^{P1}	I
Salmonella spp. by PCR	Negative	/5g		08/06/22	AOAC 2020.02 ^{P2}	I

- 1) GENE-UP® Assay
 2) GENE-UP® Assay

Abbreviations

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

^P = ISO/IEC 17025:2017 accredited method.

Units of Measure

cfu/g = Colony forming units per gram

/5g = Per 5 grams

Approved Signatory

Derrick Tanner
 General Manager



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794

Report Number: 22-009242/D005.R000
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Purchase Order: andy8322
Received: 08/04/22 11:00 AM



Customer: Lamp Nutra
 3133 Tigar Run Ct Ste 104
 Carlsbad California 92010
 United States of America (USA)

Sample ID: LNK-L34-B1
Sample Matrix: Kratom powder
Laboratory ID: 22-009242-0001-01
Evidence of Cooling: No
Temp: 23.4 °C
Relinquished by: UPS

Sample Results

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	0.0140	%	0.0100	08/10/22	In house method by HPLC-DAD	
Mitragynine	1.16	%	0.0500	08/10/22	In house method by HPLC-DAD	

Abbreviations

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Units of Measure

% = Percentage of sample

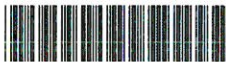
Approved Signatory

Derrick Tanner
 General Manager



12423 NE Whitaker Way
 Portland, OR 97230
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Report Number: 22-009242/D003.R000
 Report Date: 08/11/2022
 Purchase Order: andy8322
 Received: 08/04/22 11:00 AM



Customer: Lamp Nutra
 3133 Tigar Run Ct Ste 104
 Carlsbad California 92010
 United States of America (USA)

Sample ID: LNK-L34-B2

Sample Matrix: Kratom powder

Laboratory ID: 22-009242-0002-00

Evidence of Cooling: No

Temp: 23.4 °C

Relinquished by: UPS

Sample Results

Microbiology

Micro Profile L Rapid (M6000)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	16,000	cfu/g	1,000	08/07/22	AOAC 990.12 (Petrifilm) ^P	
E.coli	< LOQ	cfu/g	100	08/07/22	AOAC 991.14 (Petrifilm) ^P	
Total Coliforms	< LOQ	cfu/g	100	08/07/22	AOAC 991.14 (Petrifilm) ^P	
Staphylococcus aureus	< LOQ	cfu/g	100	08/06/22	AOAC 2003.07 ^P	
Mold (RAPID Petrifilm)	26,000	cfu/g	1,000	08/08/22	AOAC 2014.05 (RAPID) ^P	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	08/08/22	AOAC 2014.05 (RAPID) ^P	
Listeria spp.	Negative	/5g		08/06/22	AOAC 2019.10 ^{P1}	I
Salmonella spp. by PCR	Negative	/5g		08/06/22	AOAC 2020.02 ^{P2}	I

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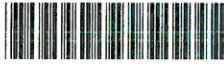
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Derrick Tanner
 General Manager



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3133 Tigar Run Ct Ste 104
Carlsbad California 92010
United States of America (USA)

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Laboratory ID: 22-009242-0002-01
Evidence of Cooling: No
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Relinquished by: UPS

Sample Results

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	0.0141	%	0.0100	08/10/22	In house method by HPLC-DAD	
Mitragynine	1.18	%	0.0500	08/10/22	In house method by HPLC-DAD	

Abbreviations

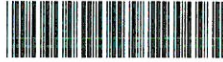
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Units of Measure

% = Percentage of sample

Approved Signatory

Derrick Tanner
General Manager



Customer: Lamp Nutra
3133 Tigar Run Ct Ste 104
Carlsbad California 92010
United States of America (USA)

Sample ID: LNK-L34-B3

Sample Matrix: Kratom powder

Laboratory ID: 22-009242-0003-00

Evidence of Cooling: No

Temp: 23.4 °C

Relinquished by: UPS

Sample Results

Microbiology

Micro Profile L Rapid (M6000)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	110,000	cfu/g	10,000	08/07/22	AOAC 990.12 (Petrifilm) ^p	
E.coli	< LOQ	cfu/g	100	08/07/22	AOAC 991.14 (Petrifilm) ^p	
Total Coliforms	< LOQ	cfu/g	100	08/07/22	AOAC 991.14 (Petrifilm) ^p	
Staphylococcus aureus	< LOQ	cfu/g	100	08/06/22	AOAC 2003.07 ^p	
Mold (RAPID Petrifilm)	14,000	cfu/g	1,000	08/08/22	AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	08/08/22	AOAC 2014.05 (RAPID) ^p	
Listeria spp.	Negative	/5g		08/06/22	AOAC 2019.10 ^{p1}	I
Salmonella spp. by PCR	Negative	/5g		08/06/22	AOAC 2020.02 ^{p2}	I

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Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	0.0187	%	0.0100	08/10/22	In house method by HPLC-DAD	
Mitragynine	1.10	%	0.0500	08/10/22	In house method by HPLC-DAD	

Abbreviations

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