



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

Report Number: 22-006528/D005.R000
 Report Date: 06/13/2022
 Purchase Order: ANDY6322
 Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B3
 Sample Matrix: Kratom powder
 Laboratory ID: 22-006528-0003-01
 Evidence of Cooling: No
 Temp: 20.9 °C
 Relinquished by: UPS

Sample Results

Microbiology						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp. by PCR	Negative	/10g		06/08/22	AOAC 2020.02 ₁	I
E. coli/Coliform Count (EC) Plate						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	
Total Coliforms	2,200	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	

1) 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.

Units of Measure

cfu/g = Colony forming units per gram
 /10g = Per 10 grams

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-L33-B3

Sample Matrix: Kratom powder

Laboratory ID: 22-006528-0003-00

Evidence of Cooling: No

Temp: 20.9 °C

Relinquished by: UPS

Sample Results

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine†	0.0110	%	0.0100	06/08/22	In house method by HPLC-DAD	
Mitragynine†	1.44	%	0.0500	06/08/22	In house method by HPLC-DAD	

Abbreviations


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† = Analyte not ISO accredited.

Units of Measure

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager



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

Report Number: 22-006528/D009.R000
 Report Date: 06/13/2022
 Purchase Order: ANDY6322
 Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B1
 Sample Matrix: Kratom powder
 Laboratory ID: 22-006528-0001-01
 Evidence of Cooling: No
 Temp: 20.9 °C
 Relinquished by: UPS

Sample Results

Microbiology						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp. by PCR	Negative	/10g		06/08/22	AOAC 2020.02 ₁	I
E. coli/Coliform Count (EC) Plate						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	
Total Coliforms	400	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	

1) GENE-UP® Assay

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

Report Number: 22-006528/D006.R000
Report Date: 06/13/2022
Purchase Order: ANDY6322
Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B1
Sample Matrix: Kratom powder
Laboratory ID: 22-006528-0001-00
Evidence of Cooling: No
Temp: 20.9 °C
Relinquished by: UPS

Sample Results

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine [†]	0.0111	%	0.0100	06/08/22	In house method by HPLC-DAD	
Mitragynine [†]	1.23	%	0.0500	06/08/22	In house method by HPLC-DAD	

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.

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Units of Measure

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Derrick Tanner
General Manager



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

Report Number: 22-006528/D007.R000
 Report Date: 06/13/2022
 Purchase Order: ANDY6322
 Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B2
 Sample Matrix: Kratom powder
 Laboratory ID: 22-006528-0002-01
 Evidence of Cooling: No
 Temp: 20.9 °C
 Relinquished by: UPS

Sample Results

Microbiology						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp. by PCR	Negative	/10g		06/08/22	AOAC 2020.02 ₁	I
E. coli/Coliform Count (EC) Plate						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	

1) 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

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Units of Measure

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 General Manager



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

Report Number: 22-006528/D008.R000
Report Date: 06/13/2022
Purchase Order: ANDY6322
Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B2
Sample Matrix: Kratom powder
Laboratory ID: 22-006528-0002-00
Evidence of Cooling: No
Temp: 20.9 °C
Relinquished by: UPS

Sample Results

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine†	0.0117	%	0.0100	06/08/22	In house method by HPLC-DAD	
Mitragynine†	1.28	%	0.0500	06/08/22	In house method by HPLC-DAD	

Abbreviations

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Units of Measure

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General Manager



12423 NE Whitaker Way
 Portland, OR 97230
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Report Number: 22-006528/D004.R000
 Report Date: 06/13/2022
 Purchase Order: ANDY6322
 Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B4
 Sample Matrix: Kratom powder
 Laboratory ID: 22-006528-0004-01
 Evidence of Cooling: No
 Temp: 20.9 °C
 Relinquished by: UPS

Sample Results

Microbiology						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp. by PCR	Negative	/10g		06/08/22	AOAC 2020.02 ₁	I
E. coli/Coliform Count (EC) Plate						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	
Total Coliforms	700	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	

1) GENE-UP® Assay

Abbreviations

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Received: 06/06/22 10:45 AM



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

Sample ID: LNK-L33-B4
Sample Matrix: Kratom powder
Laboratory ID: 22-006528-0004-00
Evidence of Cooling: No
Temp: 20.9 °C
Relinquished by: UPS

Sample Results

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine†	0.0120	%	0.0100	06/08/22	In house method by HPLC-DAD	
Mitragynine†	1.39	%	0.0500	06/08/22	In house method by HPLC-DAD	

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.

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