

Report: COA Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR. 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

Product Description

Client: **Simply Sol LLC (330)**

Product Name: **Lemon Grass**

Harvest Lot: Hoophouse1-2022-001

Harvest Date: 10/1/2022

Matrix: Qualifying Hemp

Metrc Source ID: 1A4010500046885000000053

Metrc Package ID: 1A4010500046885000000058

License Number: 330-1079633IHH

Date Collected: 2022-10-13

Date Received: 2022-10-14

Report Date: 2022-10-16

Report ID: A8022-03

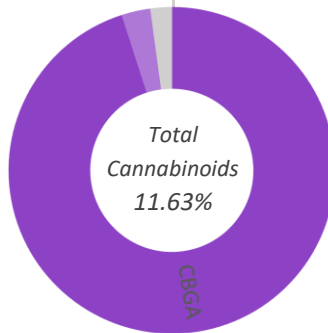
Tests Requested: Water Activity
Moisture Analysis
Cannabinoid Potency Analysis
Pesticide Analysis
Mycotoxin Analysis

Evaluation Summary

Water Activity	Tested Value (aw)	Pass Criteria (aw)
Pass	0.53 aw	< 0.65 aw

Moisture Analysis	Tested Value (%)	Pass Criteria (%)
Pass	10.30 %	< 15.0 %

Cannabinoid Potency Analysis		Abv.	Dry Wt. %	Dry Wt. mg/g
Total THC *	< LOQ	THCA	< LOQ	< LOQ
		Δ-9-THC	< LOQ	< LOQ
< LOQ	< LOQ	Δ-8-THC	< LOQ	< LOQ
		THCV	< LOQ	< LOQ
< LOQ	< LOQ	CBDA	< LOQ	< LOQ
		CBD	< LOQ	< LOQ
< LOQ	< LOQ	CBGA	11.05 %	110.5 mg/g
		CBG	0.33 %	3.3 mg/g
< LOQ	< LOQ	CBDVA	< LOQ	< LOQ
		CBDV	< LOQ	< LOQ
< LOQ	< LOQ	CBN	< LOQ	< LOQ
		CBL	< LOQ	< LOQ
< LOQ	< LOQ	CBC	0.25 %	2.5 mg/g



Pesticide Analysis	Pesticide Status
Pass	No pesticides were detected above Oregon's action limit as stated in OAR 333-007-0400.

Report: Case Narrative

This certificate of analysis is prepared for...

Simply Sol LLC (330)

17604 S Fernwood Rd., Molalla, OR. 97038

This report presents the analytical findings for the sample collected on 2022-10-13 by Skyler Smith using sampling plan A8022 and received by PREE Laboratory on 2022-10-14. The sample was assigned a laboratory ID of A8022-03. The results in this report only apply to sample A8022-03.

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The testing methods used are of sufficient sensitivity to meet the compliance criteria set in OAR 333-007. However, it is the responsibility of the client to utilize the data to comply with standards set in OAR 333-007.

All analyses were performed in accordance with PREE Laboratory's NELAP/TNI approved quality control system and all quality control data was within the laboratory's predefined acceptance criteria unless otherwise noted in the case narrative of this report. General comments are also recorded below.

Notes:

The Oregon Department of Agriculture requires hemp products to not contain more than 0.35% total THC, per OAR 603-048. No special conditions were noted during the processing and testing of the sample.



Newkirk, Carson | Laboratory Manager
PREE South: Corvallis, Oregon



If you have any questions regarding the information in this report, please feel free to call 541-257-5002 or email PREE at services@preelab.com.

Report: Evaluation Detail

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Water Activity	Evaluation Detail					
Product Name: Lemon Grass	Water Activity	Tested Value (aw)	Pass Criteria (aw)	LOQ (aw)	Status Pass/Unsatisfactory	
Analysis Date: 2022-10-15		0.53 aw	< 0.65 aw	0.001 aw	Pass	
Testing Batch ID: W221015A						
Testing Method: LSOP #302, Water Activity						
Moisture Analysis	Evaluation Detail					
Product Name: Lemon Grass	Moisture Analysis	Tested Value (Moisture %)	Pass Criteria (%)	LOQ (%)	Status Pass/Unsatisfactory	
Analysis Date: 2022-10-15		10.30 %	< 15.0 %	0.01 %	Pass	
Testing Batch ID: M221015A						
Testing Method: LSOP #301 Moisture Analysis						
Cannabinoid Potency Analysis	Evaluation Detail					
Product Name: Lemon Grass	Cannabinoid Potency Analysis	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Analysis Date: 2022-10-15	Total THC *	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.15
Testing Batch ID: POM221015A	< LOQ	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.15
Testing Method: LSOP #303 Cannabinoid Quantification	< LOQ	Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	< LOQ	0.15
		Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.15
	Total CBD *	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.15
	< LOQ	Cannabidiol	CBD	< LOQ	< LOQ	0.15
	< LOQ	Cannabigerolic acid	CBGA	11.05 %	110.5	0.15
		Cannabigerol	CBG	0.33 %	3.3	0.15
		Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.15
		Cannabidivarin	CBDV	< LOQ	< LOQ	0.15
		Cannabinol	CBN	< LOQ	< LOQ	0.15
		Cannabicyclol	CBL	< LOQ	< LOQ	0.15
		Cannabichromene	CBC	0.25 %	2.5	0.15

Note: Accreditation for THCV, CBGA, CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

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Pesticide Analysis

Product Name: **Lemon Grass**

Analysis Date: 2022-10-15

Testing Batch ID: PEE221015A

Testing Method: LSOP #307 Pesticides by LCMS/MS

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Abamectin	< LOQ	0.50	0.10	Pass
Acephate	< LOQ	0.40	0.02	Pass
Acequinocyl	< LOQ	2.00	0.10	Pass
Acetamiprid	< LOQ	0.20	0.02	Pass
Aldicarb	< LOQ	0.40	0.02	Pass
Azoxystrobin	< LOQ	0.20	0.02	Pass
Bifenazate	< LOQ	0.20	0.02	Pass
Bifenthrin	< LOQ	0.20	0.10	Pass
Boscalid	< LOQ	0.40	0.02	Pass
Carbaryl	< LOQ	0.20	0.02	Pass
Carbofuran	< LOQ	0.20	0.10	Pass
Chlorantraniliprole	< LOQ	0.20	0.02	Pass
Chlorfenapyr	< LOQ	1.00	0.50	Pass
Chlorpyrifos	< LOQ	0.20	0.02	Pass
Clofentezine	< LOQ	0.20	0.10	Pass
Cyfluthrin	< LOQ	1.00	0.50	Pass
Cypermethrin	< LOQ	1.00	0.50	Pass
Daminozide	< LOQ	1.00	0.10	Pass
Diazinon	< LOQ	0.20	0.02	Pass
Dichlorvos	< LOQ	1.00	0.10	Pass
Dimethoate	< LOQ	0.20	0.02	Pass
Ethoprophos	< LOQ	0.20	0.02	Pass
Etofenprox	< LOQ	0.40	0.10	Pass
Etoxazole	< LOQ	0.20	0.02	Pass
Fenoxycarb	< LOQ	0.20	0.02	Pass
Fenpyroximate	< LOQ	0.40	0.10	Pass
Fipronil	< LOQ	0.40	0.02	Pass
Flonicamid	< LOQ	1.00	0.02	Pass
Fludioxonil	< LOQ	0.40	0.10	Pass
Hexythiazox	< LOQ	1.00	0.02	Pass
Imazalil	< LOQ	0.20	0.02	Pass
Imidacloprid	< LOQ	0.40	0.02	Pass
Kresoxim-methyl	< LOQ	0.40	0.10	Pass

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Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Malathion	< LOQ	0.20	0.02	Pass
Metalaxyl	< LOQ	0.20	0.02	Pass
Methiocarb	< LOQ	0.20	0.02	Pass
Methomyl	< LOQ	0.40	0.02	Pass
Methyl-Parathion	< LOQ	0.20	0.10	Pass
MGK-264 Total	< LOQ	0.20	0.10	Pass
Myclobutanil	< LOQ	0.20	0.10	Pass
Naled	< LOQ	0.50	0.02	Pass
Oxamyl	< LOQ	1.00	0.02	Pass
Paclobutrazol	< LOQ	0.40	0.02	Pass
Permethrins	< LOQ	0.20	0.10	Pass
Phosmet	< LOQ	0.20	0.02	Pass
Piperonyl butoxide	0.023	2.00	0.02	Pass
Prallethrin	< LOQ	0.20	0.10	Pass
Propiconazole	< LOQ	0.40	0.10	Pass
Propoxur	< LOQ	0.20	0.02	Pass
Pyrethrins	< LOQ	1.00	0.50	Pass
Pyridaben	< LOQ	0.20	0.02	Pass
Spinosad	< LOQ	0.20	0.10	Pass
Spiromesifen	< LOQ	0.20	0.10	Pass
Spirotetramat	< LOQ	0.20	0.02	Pass
Spiroxamine	< LOQ	0.40	0.10	Pass
Tebuconazole	< LOQ	0.40	0.02	Pass
Thiacloprid	< LOQ	0.20	0.02	Pass
Thiamethoxam	< LOQ	0.20	0.02	Pass
Trifloxystrobin	< LOQ	0.20	0.02	Pass

Report: Quality Check



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Water Activity		Quality Control Detail						
Analysis Date:	2022-10-15	Water Activity Analysis		MB	LCS	Expected Value (aw)	Tested Value (aw)	Pass Criteria
Testing Batch ID:	W221015A			○		1.0000	1.0023	aw ± 0.010
					●	0.3278	0.3292	aw ± 0.010
Moisture Analysis		Quality Control Detail						
Analysis Date:	2022-10-15	Moisture Analysis		MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Testing Batch ID:	M221015A			○		0.0%	0.4%	± 2.5%
					●	100.0%	100.8%	± 2.5%
Cannabinoid Potency Analysis		Quality Control Detail						
Analysis Date:	2022-10-15	Cannabinoid Potency Analysis		MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Testing Batch ID:	POM221015A	Tetrahydro-cannabinolic acid		○		< 0.1%	< 0.1%	< 0.1%
		Delta9 Tetrahydro-cannabinol		○		< 0.1%	< 0.1%	< 0.1%
		Delta8 Tetrahydro-cannabinol		○		< 0.1%	< 0.1%	< 0.1%
		Cannabidiolic acid		○		< 0.1%	< 0.1%	< 0.1%
		Cannabidiol		○		< 0.1%	< 0.1%	< 0.1%
		Tetrahydro-cannabinolic acid			●	100.0%	98.9%	± 10%
		Delta9 Tetrahydro-cannabinol			●	100.0%	105.1%	± 10%
		Delta8 Tetrahydro-cannabinol			●	100.0%	104.4%	± 10%
		Cannabidiolic acid			●	100.0%	100.9%	± 10%
		Cannabidiol			●	100.0%	103.5%	± 10%
<p>Note: Accreditation for THCV, CBGA, CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.</p>								

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Pesticide Analysis

Analysis Date: 2022-10-15

Testing Batch ID: PEE221015A

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	o	< 0.1	< 0.1	< 0.1
Acephate	o	< 0.02	< 0.02	< 0.02
Acequinocyl	o	< 0.1	< 0.1	< 0.1
Acetamiprid	o	< 0.02	< 0.02	< 0.02
Aldicarb	o	< 0.02	< 0.02	< 0.02
Azoxystrobin	o	< 0.02	< 0.02	< 0.02
Bifenazate	o	< 0.02	< 0.02	< 0.02
Bifenthrin	o	< 0.1	< 0.1	< 0.1
Boscalid	o	< 0.02	< 0.02	< 0.02
Carbaryl	o	< 0.02	< 0.02	< 0.02
Carbofuran	o	< 0.1	< 0.1	< 0.1
Chlorantraniliprole	o	< 0.02	< 0.02	< 0.02
Chlorfenapyr	o	< 0.5	< 0.5	< 0.5
Chlorpyrifos	o	< 0.02	< 0.02	< 0.02
Clofentezine	o	< 0.1	< 0.1	< 0.1
Cyfluthrin	o	< 0.5	< 0.5	< 0.5
Cypermethrin	o	< 0.5	< 0.5	< 0.5
Daminozide	o	< 0.1	< 0.1	< 0.1
Diazinon	o	< 0.02	< 0.02	< 0.02
Dichlorvos	o	< 0.1	< 0.1	< 0.1
Dimethoate	o	< 0.02	< 0.02	< 0.02
Ethoprophos	o	< 0.02	< 0.02	< 0.02
Etofenprox	o	< 0.1	< 0.1	< 0.1
Etoxazole	o	< 0.02	< 0.02	< 0.02
Fenoxycarb	o	< 0.02	< 0.02	< 0.02
Fenpyroximate	o	< 0.1	< 0.1	< 0.1
Fipronil	o	< 0.02	< 0.02	< 0.02
Flonicamid	o	< 0.02	< 0.02	< 0.02
Fludioxonil	o	< 0.1	< 0.1	< 0.1
Hexythiazox	o	< 0.02	< 0.02	< 0.02
Imazalil	o	< 0.02	< 0.02	< 0.02
Imidacloprid	o	< 0.02	< 0.02	< 0.02
Kresoxim-methyl	o	< 0.1	< 0.1	< 0.1

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Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	o	< 0.02	< 0.02	< 0.02
Metalaxyl	o	< 0.02	< 0.02	< 0.02
Methiocarb	o	< 0.02	< 0.02	< 0.02
Methomyl	o	< 0.02	< 0.02	< 0.02
Methyl-Parathion	o	< 0.1	< 0.1	< 0.1
MGK-264 I	o	< 0.1	< 0.1	< 0.1
MGK-264 II	o	< 0.1	< 0.1	< 0.1
Myclobutanil	o	< 0.1	< 0.1	< 0.1
Naled	o	< 0.02	< 0.02	< 0.02
Oxamyl	o	< 0.02	< 0.02	< 0.02
Paclobutrazol	o	< 0.02	< 0.02	< 0.02
Permethrin - trans	o	< 0.1	< 0.1	< 0.1
Permethrin - cis	o	< 0.1	< 0.1	< 0.1
Phosmet	o	< 0.02	< 0.02	< 0.02
Piperonyl butoxide	o	< 0.02	< 0.02	< 0.02
Prallethrin	o	< 0.1	< 0.1	< 0.1
Propiconazole	o	< 0.1	< 0.1	< 0.1
Propoxur	o	< 0.02	< 0.02	< 0.02
Pyrethrin - Cinerin	o	< 0.5	< 0.5	< 0.5
Pyrethrin - Jasmolin	o	< 0.5	< 0.5	< 0.5
Pyrethrin - Pyrethrins	o	< 0.5	< 0.5	< 0.5
Pyridaben	o	< 0.02	< 0.02	< 0.02
Spinosyn A	o	< 0.1	< 0.1	< 0.1
Spinosyn D	o	< 0.1	< 0.1	< 0.1
Spiromesifen	o	< 0.1	< 0.1	< 0.1
Spirotetramat	o	< 0.02	< 0.02	< 0.02
Spiroxamine	o	< 0.1	< 0.1	< 0.1
Tebuconazole	o	< 0.02	< 0.02	< 0.02
Thiacloprid	o	< 0.02	< 0.02	< 0.02
Thiamethoxam	o	< 0.02	< 0.02	< 0.02
Trifloxystrobin	o	< 0.02	< 0.02	< 0.02

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Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Abamectin	•	100.00	65.57	50 - 150
Acephate	•	100.00	93.63	60 - 120
Acequinocyl	•	100.00	91.04	40 - 160
Acetamiprid	•	100.00	104.69	60 - 120
Aldicarb	•	100.00	98.21	60 - 120
Azoxystrobin	•	100.00	97.18	60 - 120
Bifenazate	•	100.00	113.18	60 - 120
Bifenthrin	•	100.00	111.38	50 - 150
Boscalid	•	100.00	103.24	60 - 120
Carbaryl	•	100.00	92.22	60 - 120
Carbofuran	•	100.00	96.68	60 - 120
Chlorantraniliprole	•	100.00	100.84	60 - 120
Chlorfenapyr	•	100.00	109.53	60 - 120
Chlorpyrifos	•	100.00	100.64	60 - 120
Clofentezine	•	100.00	106.91	60 - 120
Cyfluthrin	•	100.00	133.45	50 - 150
Cypermethrin	•	100.00	94.92	50 - 150
Daminozide	•	100.00	104.84	60 - 120
Diazinon	•	100.00	101.31	60 - 120
Dichlorvos	•	100.00	105.98	60 - 120
Dimethoate	•	100.00	93.22	60 - 120
Ethoprophos	•	100.00	105.78	60 - 120
Etofenprox	•	100.00	99.92	50 - 150
Etoxazole	•	100.00	103.27	60 - 120
Fenoxycarb	•	100.00	101.51	60 - 120
Fenpyroximate	•	100.00	106.97	60 - 120
Fipronil	•	100.00	118.42	60 - 120
Flonicamid	•	100.00	112.31	60 - 120
Fludioxonil	•	100.00	112.12	50 - 150
Hexythiazox	•	100.00	107.36	60 - 120
Imazalil	•	100.00	109.59	60 - 120
Imidacloprid	•	100.00	93.83	60 - 120
Kresoxim-methyl	•	100.00	209.589 (Q)	60 - 120

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Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Malathion	•	100.00	113.80	60 - 120
Metalaxyl	•	100.00	95.65	60 - 120
Methiocarb	•	100.00	101.51	60 - 120
Methomyl	•	100.00	92.09	60 - 120
Methyl-Parathion	•	100.00	126.92	50 - 150
MGK-264 I	•	100.00	111.29	50 - 150
MGK-264 II	•	100.00	126.67	50 - 150
Myclobutanil	•	100.00	96.73	60 - 120
Naled	•	100.00	106.50	50 - 150
Oxamyl	•	100.00	98.94	60 - 120
Paclobutrazol	•	100.00	92.93	60 - 120
Permethrin - trans	•	100.00	99.84	50 - 150
Permethrin - cis	•	100.00	118.42	50 - 150
Phosmet	•	100.00	96.60	50 - 150
Piperonyl butoxide	•	100.00	98.92	60 - 120
Prallethrin	•	100.00	97.18	60 - 120
Propiconazole	•	100.00	110.37	60 - 120
Propoxur	•	100.00	87.54	60 - 120
Pyrethrin - Cinerin	•	100.00	117.77	60 - 120
Pyrethrin - Jasmolin	•	100.00	92.31	60 - 120
Pyrethrin - Pyrethrins	•	100.00	115.14	60 - 120
Pyridaben	•	100.00	107.89	50 - 150
Spinosyn A	•	100.00	103.23	50 - 150
Spinosyn D	•	100.00	114.49	50 - 150
Spiromesifen	•	100.00	67.58	60 - 120
Spirotetramat	•	100.00	89.61	60 - 120
Spiroxamine	•	100.00	94.82	60 - 120
Tebuconazole	•	100.00	111.40	60 - 120
Thiacloprid	•	100.00	107.11	60 - 120
Thiamethoxam	•	100.00	94.86	60 - 120
Trifloxystrobin	•	100.00	99.30	60 - 120

Definitions

- Limit of Quantitation (LOQ) : The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB) : A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS) : A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate : A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit : Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm : parts per million, equivalent to 1 µg/g and 1 µg/L or 0.001 mg/g and 0.001 mg/L
- COA : Certificate of Analysis.
- Report Flag (A) : Compound tested over 100% or 1000 mg/g. The test result is within the method uncertainty and instrument result is not above the upper limit of quantitation. Value will be adjusted down to 100% or 1000 mg/mg in the reporting process.
- Report Flag (B) : Blank contamination - The analyte was detected above one-half the reporting limit in an associated blank.
- Report Flag (E) : Compound tested above the upper limit of quantitation.
- Report Flag (Q) : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

Calculations

- Cannabinoid Potency :
$$\text{Wet WT\%} = (\text{Exported concentration ppm}) \times (\text{Dilution}) \times (\text{Extraction Vol./Wet wt mg}) \times 100$$
$$\text{Total THC\%} = (\% \text{THCA}) \times 0.877 + (\% \text{THC})$$
$$\text{Total CBD\%} = (\% \text{CBDA}) \times 0.877 + (\% \text{CBD})$$
$$\text{Total THC (Dry WT)\%} = \% \text{ total THC(wet)} / [1 - (\% \text{moisture}/100)]$$
$$\text{Total CBD (Dry WT)\%} = \% \text{ total CBD(wet)} / [1 - (\% \text{moisture}/100)]$$
- Percentage Recovery :
$$\% \text{ Rec.} = [(\text{Amount measured}) / (\text{Known amount})] \times 100$$

Disclaimers

- Disposal : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.

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Product Description

Client: **Simply Sol LLC (330)**

Product Name: **Lemon Grass**

Harvest Lot: Hoophouse1-2022-001

Harvest Date: 10/1/2022

Matrix: Qualifying Hemp

Metrc Source ID: 1A4010500046885000000053

Metrc Package ID: 1A4010500046885000000058

License Number: 330-1079633IHH

Date Collected: 2022-10-13

Date Received: 2022-10-14

Report Date: 2022-10-16

Report ID: A8022-03

Tests Requested: Water Activity
Moisture Analysis
Cannabinoid Potency Analysis
Pesticide Analysis
Mycotoxin Analysis

Evaluation Summary

Mycotoxin Analysis

Mycotoxin Status

Pass

No mycotoxins were detected above Oregon's action limit as stated in OAR 333-007.

Lemon Grass



Report: Case Narrative

This certificate of analysis is prepared for...

Simply Sol LLC (330)

17604 S Fernwood Rd., Molalla, OR. 97038

This report presents the analytical findings for the sample collected on 2022-10-13 by Skyler Smith using sampling plan A8022 and received by PREE Laboratory on 2022-10-14. The sample was assigned a laboratory ID of A8022-03. The results in this report only apply to sample A8022-03.

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The testing methods used are of sufficient sensitivity to meet the compliance criteria set in OAR 333-007. However, it is the responsibility of the client to utilize the data to comply with standards set in OAR 333-007.

All analyses were performed in accordance with PREE Laboratory's NELAP/TNI approved quality control system and all quality control data was within the laboratory's predefined acceptance criteria unless otherwise noted in the case narrative of this report. General comments are also recorded below.

Notes:

The Oregon Department of Agriculture requires hemp products to not contain more than 0.35% total THC, per OAR 603-048. No special conditions were noted during the processing and testing of the sample.



Newkirk, Carson | Laboratory Manager
PREE South: Corvallis, Oregon



If you have any questions regarding the information in this report, please feel free to call 541-257-5002 or email PREE at services@preelab.com.

Report: Evaluation Detail



OLCC License No. 10087092BDA | ORELAP ID. 4147

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For OLCC/OHA Compliance Purposes.

Mycotoxin Analysis

Product Name: **Lemon Grass**

Analysis Date: 2022-10-15

Testing Batch ID: MYV221015A

Testing Method: *LSOP #308 Mycotoxin by LCMS/MS*

Evaluation Detail

Mycotoxin Name	Tested Value (ppb)	Pass Criteria (ppb)	LOQ (ppb)	Status Pass/Unsatisfactory
Aflatoxin (Total)	< LOQ	20.00	10.00	Pass
Aflatoxin B1	< LOQ	20.00	10.00	Pass
Aflatoxin B2	< LOQ	20.00	10.00	Pass
Aflatoxin G1	< LOQ	20.00	10.00	Pass
Aflatoxin G2	< LOQ	20.00	10.00	Pass
Ochratoxin A	< LOQ	20.00	10.00	Pass

Continued on next page...

Report: Quality Check



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For OLCC/OHA Compliance Purposes.

Mycotoxin Analysis

Analysis Date: 2022-10-15

Testing Batch ID: MYV221015A

Note: PREE's accreditation through ORELAP for Mycotoxin Analysis is pending and therefore is not an accredited test. Results may only be used for non-compliance reasons.

Quality Control Detail

Mycotoxin Name	MB	LCS	Expected Value	Tested Value	Pass Criteria
Aflatoxin B1	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B2	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G1	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G2	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Ochratoxin A	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B1		●	100.0%	104.6%	60% - 120%
Aflatoxin B2		●	100.0%	102.5%	60% - 120%
Aflatoxin G1		●	100.0%	105.1%	60% - 120%
Aflatoxin G2		●	100.0%	111.6%	60% - 120%
Ochratoxin A		●	100.0%	114.4%	60% - 120%

Definitions

- Limit of Quantitation (LOQ) : The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB) : A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS) : A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate : A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit : Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm : parts per million, equivalent to 1 µg/g and 1 µg/L or 0.001 mg/g and 0.001 mg/L
- COA : Certificate of Analysis.
- Report Flag (A) : Compound tested over 100% or 1000 mg/g. The test result is within the method uncertainty and instrument result is not above the upper limit of quantitation. Value will be adjusted down to 100% or 1000 mg/mg in the reporting process.
- Report Flag (B) : Blank contamination - The analyte was detected above one-half the reporting limit in an associated blank.
- Report Flag (E) : Compound tested above the upper limit of quantitation.
- Report Flag (Q) : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

Calculations

- Cannabinoid Potency :
$$\text{Wet WT\%} = (\text{Exported concentration ppm}) \times (\text{Dilution}) \times (\text{Extraction Vol./Wet wt mg}) \times 100$$
$$\text{Total THC\%} = (\% \text{THCA}) \times 0.877 + (\% \text{THC})$$
$$\text{Total CBD\%} = (\% \text{CBDA}) \times 0.877 + (\% \text{CBD})$$
$$\text{Total THC (Dry WT)\%} = \% \text{ total THC(wet)} / [1 - (\% \text{ moisture}/100)]$$
$$\text{Total CBD (Dry WT)\%} = \% \text{ total CBD(wet)} / [1 - (\% \text{ moisture}/100)]$$
- Percentage Recovery :
$$\% \text{ Rec.} = [(\text{Amount measured}) / (\text{Known amount})] \times 100$$

Disclaimers

- Disposal : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.