Report: COA Evaluation Summary

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For OLCC/OHA Compliance Purposes.

Product Description Evaluation Summary Client: **Sungold Botanicals Test Not Required** Moisture Analysis I Product Name: SGB2204BLD Prim Cannabinoid Potency Analysis Abrv. Dry Wt. % Dry Wt. mg/g THCA < LOQ <LOQ **Total THC*** Total CBD * ∆-9-THC 1.65 % 16.5 mg/g Matrix: Hemp Concentrate ∆-8-THC < LOQ < LOQ 1.65 % 60.29 % Metrc Source ID: n/a THCV < LOQ < LOQ Metrc Package ID: n/a CBDA 0.38 % 3.8 mg/g 16.5 mg/g 602.9 mg/g License Number: AG-R1057703IHH CBD 59.96 % 599.6 mg/g Date Collected: 2022-11-11 CBGA <LOQ <LOQ Date Received: 2022-11-11 CBG 1.71 % 17.1 mg/g Report Date: 2022-11-17 CBDVA 0.51 % 5.1 mg/g Report ID: A8171-01 CBDV < LOQ < LOQ Tests Requested: Cannabinoid Potency Analysis CBN 0 28 % 2.8 mg/g Pesticide Analysis Total CBL < LOQ < LOQ Mycotoxin Analysis Cannabinoids **Residual Solvent Analysis** 67.18% CBC 2.69 % 26.9 mg/g **Terpene Analysis** CBD CBD Pesticide Analysis Pesticide Status No pesticides were detected above Oregon's action limit as stated in OAR 333-Pass 007-0400.



This certificate of analysis is prepared for...

Sungold Botanicals

3200 West Hills Road Philomath OR 97370

This report presents the analytical findings for the sample collected on 2022-11-11 by Robert Vingelen using sampling plan A8171 and received by PREE Laboratory on 2022-11-11. The sample was assigned a laboratory ID of A8171-01. The results in this report only apply to sample A8171-01.

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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. Residual solvent analysis was subcontracted. The report from the subcontracting laboratory is attached. TOTAL CANNABINOIDS - 695mg/g | 69.5% THC TOTAL - 16.8mg/g | 1.68% CBD TOTAL - 620.8mg/g | 62.08% d8 TOTAL - 0mg/g | 0% THC RPD value - 4.01 CBD RPD value - 5.76 d8 RPD value - None

This Report has been revised due to a naming error. This is Revision #1.

an Ant

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.

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Moisture Analysis	Evaluation Detail					
	Moisture Analysis	Test Not Requested/Required				
Cannabinoid Potency Analysis	Evaluation Detail					
Product Name: SGB2204BLD Prim	Cannabinoid Potency Analysis	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Analysis Date: 2022-11-14	Total THC *	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.09375
Testing Batch ID: POR221114A	1.65 %	Delta9 Tetrahydro-cannabinol	∆-9-THC	1.65 %	16.5	0.09375
	16.5 mg/g	Delta8 Tetrahydro-cannabinol	∆-8-THC	< LOQ	<loq< td=""><td>0.09375</td></loq<>	0.09375
Testing Method: LSOP #303 Cannabinoid Quantification		Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.09375
	Total CBD *	Cannabidiolic acid	CBDA	0.38 %	3.8	0.09375
	60.29 %	Cannabidiol	CBD	59.96 %	599.6	0.09375
	602.9 mg/g	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.09375
		Cannabigerol	CBG	1.71 %	17.1	0.09375
		Cannabidivarinic acid	CBDVA	0.51 %	5.1	0.09375
		Cannabidivarin	CBDV	< LOQ	< LOQ	0.09375
		Cannabinol	CBN	0.28 %	2.8	0.09375
Note: Accreditation for THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.		Cannabicyclol	CBL	< LOQ	< LOQ	0.09375
		Cannabichromene	CBC	2.69 %	26.9	0.09375

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

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Pesticide Analysis

Product Name:	SGB2204BLD Prim
Analysis Date:	2022-11-14
Testing Batch ID:	PEE221114A
Testing Method:	LSOP #307 Pesticides by LCMS/MS

Evaluation Detail

Pesticide Name	Ι	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
					Continued on next page

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Pesticide Analysis

Evaluation Detail

Pesticide Name	I	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		< LOQ	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



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Moisture Analysis	Quality Control Detail						
	Moisture Analysis						
Cannabinoid Potency Analysis	Quality Control Detail						
Analysis Date: 2022-11-14	Cannabinoid Potency Analysis		MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Testing Batch ID: POR221114A	Tetrahydro-cannabinolic acid		0		< 0.1%	< 0.1%	< 0.1%
Testing Batch ID: POR221114A	Delta9 Tetrahydro-cannabinol		0		< 0.1%	< 0.1%	< 0.1%
	Delta8 Tetrahydro-cannabinol		0		< 0.1%	< 0.1%	< 0.1%
	Cannabidiolic acid		0		< 0.1%	< 0.1%	< 0.1%
	Cannabidiol		0		< 0.1%	< 0.1%	< 0.1%
	Tetrahydro-cannabinolic acid			٠	100.0%	102.3%	± 10%
	Delta9 Tetrahydro-cannabinol			•	100.0%	103.3%	± 10%
	Delta8 Tetrahydro-cannabinol			٠	100.0%	104.8%	± 10%
Note: Accreditation for THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.	Cannabidiolic acid			٠	100.0%	105.4%	± 10%
· · · · · · · · · · · · · · · · · · ·	Cannabidiol			٠	100.0%	104.2%	± 10%

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Pesticide Analysis

Analysis Date: 2022-11-14

Testing Batch ID: PEE221114A

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	0	< 0.1	< 0.1	< 0.1
Acephate	0	< 0.02	< 0.02	< 0.02
Acequinocyl	0	< 0.1	< 0.1	< 0.1
Acetamiprid	0	< 0.02	< 0.02	< 0.02
Aldicarb	0	< 0.02	< 0.02	< 0.02
Azoxystrobin	0	< 0.02	< 0.02	< 0.02
Bifenazate	0	< 0.02	< 0.02	< 0.02
Bifenthrin	0	< 0.1	< 0.1	< 0.1
Boscalid	0	< 0.02	< 0.02	< 0.02
Carbaryl	0	< 0.02	< 0.02	< 0.02
Carbofuran	0	< 0.1	< 0.1	< 0.1
Chlorantraniliprole	0	< 0.02	< 0.02	< 0.02
Chlorfenapyr	0	< 0.5	< 0.5	< 0.5
Chlorpyrifos	0	< 0.02	< 0.02	< 0.02
Clofentezine	0	< 0.1	< 0.1	< 0.1
Cyfluthrin	0	< 0.5	< 0.5	< 0.5
Cypermethrin	0	< 0.5	< 0.5	< 0.5
Daminozide	0	< 0.1	< 0.1	< 0.1
Diazinon	0	< 0.02	< 0.02	< 0.02
Dichlorvos	0	< 0.1	< 0.1	< 0.1
Dimethoate	0	< 0.02	< 0.02	< 0.02
Ethoprophos	0	< 0.02	< 0.02	< 0.02
Etofenprox	0	< 0.1	< 0.1	< 0.1
Etoxazole	0	< 0.02	< 0.02	< 0.02
enoxycarb	0	< 0.02	< 0.02	< 0.02
enpyroximate	0	< 0.1	< 0.1	< 0.1
Fipronil	0	< 0.02	< 0.02	< 0.02
- Flonicamid	0	< 0.02	< 0.02	< 0.02
Fludioxonil	0	< 0.1	< 0.1	< 0.1
lexythiazox	0	< 0.02	< 0.02	< 0.02
mazalil	0	< 0.02	< 0.02	< 0.02
midacloprid	0	< 0.02	< 0.02	< 0.02
Kresoxim-methyl	0	< 0.1	< 0.1	< 0.1

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Pesticide Analysis

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	0	< 0.02	< 0.02	< 0.02
Metalaxyl	0	< 0.02	< 0.02	< 0.02
Methiocarb	0	< 0.02	< 0.02	< 0.02
Methomyl	0	< 0.02	< 0.02	< 0.02
Methyl-Parathion	0	< 0.1	< 0.1	< 0.1
MGK-264 I	0	< 0.1	< 0.1	< 0.1
MGK-264 II	0	< 0.1	< 0.1	< 0.1
Myclobutanil	0	< 0.1	< 0.1	< 0.1
Naled	0	< 0.02	< 0.02	< 0.02
Oxamyl	0	< 0.02	< 0.02	< 0.02
Paclobutrazol	0	< 0.02	< 0.02	< 0.02
Permethrin - trans	0	< 0.1	< 0.1	< 0.1
Permethrin - cis	0	< 0.1	< 0.1	< 0.1
Phosmet	0	< 0.02	< 0.02	< 0.02
Piperonyl butoxide	0	< 0.02	< 0.02	< 0.02
Prallethrin	0	< 0.1	< 0.1	< 0.1
Propiconazole	0	< 0.1	< 0.1	< 0.1
Propoxur	0	< 0.02	< 0.02	< 0.02
Pyrethrin - Cinerin	0	< 0.5	< 0.5	< 0.5
Pyrethrin - Jasmolin	0	< 0.5	< 0.5	< 0.5
Pyrethrin - Pyrethrins	0	< 0.2	< 0.2	< 0.2
Pyridaben	0	< 0.02	< 0.02	< 0.02
Spinosyn A	0	< 0.1	< 0.1	< 0.1
Spinosyn D	0	< 0.1	< 0.1	< 0.1
Spiromesifen	0	< 0.1	< 0.1	< 0.1
Spirotetramat	0	< 0.02	< 0.02	< 0.02
Spiroxamine	0	< 0.1	< 0.1	< 0.1
Tebuconazole	0	< 0.02	< 0.02	< 0.02
Thiacloprid	0	< 0.02	< 0.02	< 0.02
Thiamethoxam	0	< 0.02	< 0.02	< 0.02
Trifloxystrobin	0	< 0.02	< 0.02	< 0.02

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Pesticide Analysis

Pesticide Name	I	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%
Abamectin		٠	100.00	106.48	50 - 150
Acephate		•	100.00	98.56	60 - 120
Acequinocyl		•	100.00	81.89	40 - 160
Acetamiprid		•	100.00	104.18	60 - 120
Aldicarb		•	100.00	89.92	60 - 120
Azoxystrobin		•	100.00	92.30	60 - 120
Bifenazate		•	100.00	92.84	60 - 120
Bifenthrin		•	100.00	86.69	50 - 150
Boscalid		•	100.00	88.57	60 - 120
Carbaryl		•	100.00	100.13	60 - 120
Carbofuran		•	100.00	99.97	60 - 120
Chlorantraniliprole		•	100.00	89.90	60 - 120
Chlorfenapyr		•	100.00	84.66	60 - 120
Chlorpyrifos		•	100.00	96.44	60 - 120
Clofentezine		•	100.00	91.76	60 - 120
Cyfluthrin		•	100.00	87.24	50 - 150
Cypermethrin		•	100.00	88.93	50 - 150
Daminozide		•	100.00	105.10	60 - 120
Diazinon		•	100.00	95.01	60 - 120
Dichlorvos		•	100.00	93.31	60 - 120
Dimethoate		•	100.00	96.04	60 - 120
Ethoprophos		•	100.00	96.71	60 - 120
Etofenprox		•	100.00	96.07	50 - 150
Etoxazole		•	100.00	94.79	60 - 120
Fenoxycarb		•	100.00	95.52	60 - 120
Fenpyroximate		•	100.00	107.72	60 - 120
Fipronil		•	100.00	83.68	60 - 120
Flonicamid		•	100.00	97.16	60 - 120
Fludioxonil		•	100.00	94.19	50 - 150
Hexythiazox		•	100.00	86.54	60 - 120
mazalil		•	100.00	99.31	60 - 120
midacloprid		•	100.00	97.10	60 - 120
Kresoxim-methyl		•	100.00	92.81	60 - 120

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Pesticide Analysis

Pesticide Name	I	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%
Malathion		٠	100.00	92.36	60 - 120
Metalaxyl		•	100.00	93.75	60 - 120
Methiocarb		•	100.00	93.08	60 - 120
Methomyl		•	100.00	100.93	60 - 120
Methyl-Parathion		•	100.00	97.08	50 - 150
MGK-264 I		•	100.00	81.34	50 - 150
MGK-264 II		•	100.00	94.34	50 - 150
Myclobutanil		•	100.00	94.60	60 - 120
Naled		•	100.00	98.36	50 - 150
Oxamyl		•	100.00	98.43	60 - 120
Paclobutrazol		•	100.00	99.45	60 - 120
Permethrin - trans		•	100.00	87.58	50 - 150
Permethrin - cis		•	100.00	94.10	50 - 150
Phosmet		•	100.00	88.69	50 - 150
Piperonyl butoxide		•	100.00	111.94	60 - 120
Prallethrin		•	100.00	96.66	60 - 120
Propiconazole		•	100.00	93.35	60 - 120
Propoxur		•	100.00	97.69	60 - 120
Pyrethrin - Cinerin		•	100.00	119.34	60 - 120
Pyrethrin - Jasmolin		•	100.00	106.86	60 - 120
Pyrethrin - Pyrethrins		•	100.00	107.10	60 - 120
Pyridaben		•	100.00	100.15	50 - 150
Spinosyn A		•	100.00	88.97	50 - 150
Spinosyn D		•	100.00	83.80	50 - 150
Spiromesifen		•	100.00	87.93	60 - 120
Spirotetramat		•	100.00	90.90	60 - 120
Spiroxamine		•	100.00	90.15	60 - 120
Tebuconazole		•	100.00	93.56	60 - 120
Thiacloprid		•	100.00	106.36	60 - 120
Thiamethoxam		•	100.00	94.33	60 - 120
Trifloxystrobin		•	100.00	87.45	60 - 120

Report: Definition



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 :	Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100 Total THC% = (%THCA) x 0.877 + (%THC) Total CBD% = (%CBDA) x 0.877 + (%CBD) Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
		Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]
•	Percentage Recovery :	% Rec. = [(Amount measured) / (Known amount)] * 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.

Report: COA Evaluation Summary

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Product Description

FIGUUCI Desci	ipuon
Client:	Sungold Botanicals
Product Name:	SGB2204BLD Prim
Matrix:	Hemp Concentrate
Metrc Source ID:	n/a
Metrc Package ID:	n/a
License Number:	AG-R1057703IHH
Date Collected:	2022-11-11
Date Received:	2022-11-11
Report Date:	2022-11-17
	10171 01

 Report ID:
 A8171-01

 Tests Requested:
 Cannabinoid Potency Analysis Pesticide Analysis Mycotoxin Analysis Residual Solvent Analysis Terpene Analysis

Evaluation Summary

Mycotoxin Analysis

Pass

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



This certificate of analysis is prepared for...

Sungold Botanicals

3200 West Hills Road Philomath OR 97370

This report presents the analytical findings for the sample collected on 2022-11-11 by Robert Vingelen using sampling plan A8171 and received by PREE Laboratory on 2022-11-11. The sample was assigned a laboratory ID of A8171-01. The results in this report only apply to sample A8171-01.

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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. Residual solvent analysis was subcontracted. The report from the subcontracting laboratory is attached. TOTAL CANNABINOIDS - 695mg/g | 69.5% THC TOTAL - 16.8mg/g | 1.68% CBD TOTAL - 620.8mg/g | 62.08% d8 TOTAL - 0mg/g | 0% THC RPD value - 4.01 CBD RPD value - 5.76 d8 RPD value - None

This Report has been revised due to a naming error. This is Revision #1.

and And

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.

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For OLCC/OHA Compliance Purposes.

Mycotoxin Analysis

Product Name:	SGB2204BLD Prim
Analysis Date:	2022-11-14
Testing Batch ID:	MYV221114A
Testing Method:	LSOP #308 Mycotoxin by LCMS/MS

Evaluation Detail

Mycotoxin Name	I	Tested Value (ppb)	Pass Criteria (ppb)	LOQ (ppb)	Status Pass/Unsatisfactory
Aflatoxin (Total)		< LOQ	20.00	10.00	Pass
Aflatoxin B	l	< LOQ	20.00	10.00	Pass
Aflatoxin B2	2	< LOQ	20.00	10.00	Pass
Aflatoxin G	l	< LOQ	20.00	10.00	Pass
Aflatoxin G2	2	< LOQ	20.00	10.00	Pass
Ochratoxin A		< LOQ	20.00	10.00	Pass

Continued on next page...

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PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Mycotoxin Analysis

Analysis Date:	2022-11-14
Testing Batch ID:	MYV221114A

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.

Mycotoxin Name	l	MB	LCS	Expected Value	Tested Value	Pass Criteria
Aflatoxin B1		0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B2		0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G1		0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G2		0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Ochratoxin A		0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B1			•	100.0%	96.1%	60% - 120%
Aflatoxin B2			•	100.0%	95.9%	60% - 120%
Aflatoxin G1			•	100.0%	94.2%	60% - 120%
Aflatoxin G2			٠	100.0%	92.4%	60% - 120%
Ochratoxin A			•	100.0%	98.3%	60% - 120%

Report: Definition



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

٠	Cannabinoid Potency :	Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100
		Total THC% = (%THCA) x 0.877 + (%THC)
		Total CBD% = (%CBDA) x 0.877 + (%CBD)
		Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
		Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]
٠	Percentage Recovery :	% Rec. = [(Amount measured) / (Known amount)] * 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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SGB2204BLD Prim

PREE Lab - South

010-10087092BDA

Sample ID: P220517-01 METRC Batch #:

Date/Time Extracted: 11/15/22 09:13

Matrix: Extract/Concentrate

Date Sampled: 11/14/22 09:00 Date Accepted: 11/14/22 Batch ID: Batch Size:

Sampling Method/SOP: SOP.T.20.010

Terpene Analysis

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed:	11/16/22 11:	:47					
Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g	Mass (mg/g)	Mass (%)
alpha-Pinene	0.400	< LOQ	< LOQ	beta-Pinene	0.400	< LOQ	< LOQ
Camphene	0.400	< LOQ	< LOQ	Sabinene	0.400	< LOQ	< LOQ
Sabinene hydrate	0.400	< LOQ	< LOQ	beta-Myrcene	0.400	< LOQ	< LOQ
p-Mentha-1,5-diene	0.400	< LOQ	< LOQ	(+)-3-Carene	0.400	< LOQ	< LOQ
alpha-Terpinene	0.400	< LOQ	< LOQ	gamma-Terpinene	0.400	< LOQ	< LOQ
Limonene	0.400	< LOQ	< LOQ	Eucalyptol	0.400	< LOQ	< LOQ
Guaiol	0.400	2.73	0.273	Terpinolene	0.400	< LOQ	< LOQ
Linalool	0.400	< LOQ	< LOQ	Camphor	0.400	< LOQ	< LOQ
(+)-Camphor	0.400	< LOQ	< LOQ	(-)-Camphor	0.400	< LOQ	< LOQ
Isopulegol	0.400	< LOQ	< LOQ	Isoborneol	0.400	< LOQ	< LOQ
Borneol	0.400	< LOQ	< LOQ	Hexahydrothymol	0.400	< LOQ	< LOQ
Geraniol	0.400	< LOQ	< LOQ	(+)-Pulegone	0.400	< LOQ	< LOQ
Nerol	0.400	< LOQ	< LOQ	cis-Nerolidol	0.400	< LOQ	< LOQ
trans-Nerolidol	0.400	< LOQ	< LOQ	Geranyl acetate	0.400	< LOQ	< LOQ
alpha-Cedrene	0.400	< LOQ	< LOQ	trans-Caryophyllene	0.400	1.93	0.193
Caryophyllene Oxide	0.400	0.465	0.0465	alpha-Humulene	0.400	0.827	0.0827
Valencene	0.400	< LOQ	< LOQ	alpha-Farnesene	0.400	< LOQ	< LOQ
beta-Farnesene	0.400	< LOQ	< LOQ	Cedrol	0.400	< LOQ	< LOQ
alpha-Bisabolol	0.400	4.69	0.469	Fenchone	0.400	< LOQ	< LOQ
Fenchyl Alcohol	0.400	< LOQ	< LOQ	trans, beta- Ocimene	0.400	< LOQ	< LOQ
beta, cis- Ocimene	0.400	< LOQ	< LOQ	Terpineol	0.400	< LOQ	< LOQ
				Total (Sum):		10.64	1.06

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited. Results reported as wet weight, or as is. LOQ = Limit of Quantitation.

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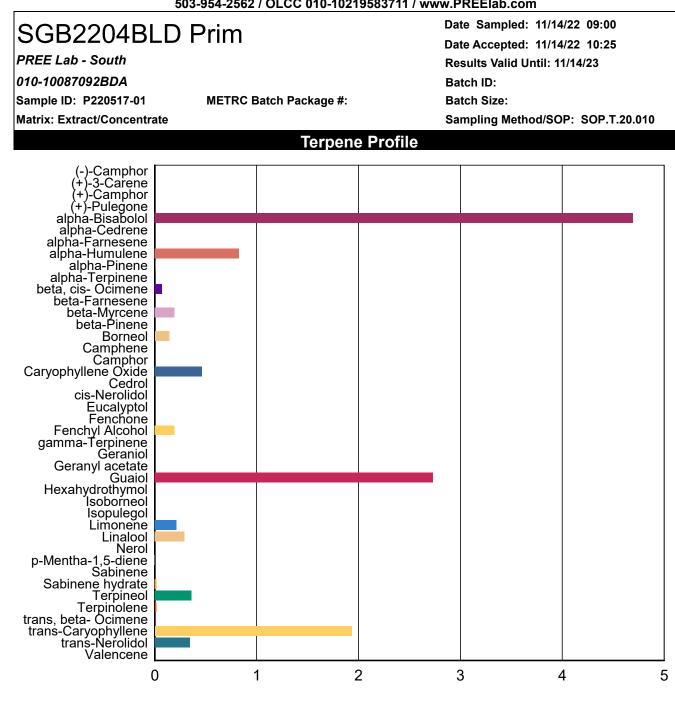
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mg/g

Sint Orid-Im

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SGB2204B PREE Lab - South 010-10087092BDA	SLD Prin	n			Date Sampled: 11/14/22 09:00 Date Accepted: 11/14/22 Batch ID:			
Sample ID: P220517-	-01 MET	Batch Size:						
Matrix: Extract/Conc	entrate				Sampling Method/SOP: SOP.T.20.010			
		R	esidual S	Solvents				
Analyte	LOQ	Action Level	Result	Units	Date/Time Extracted: 11/15/22 09:25			
Butanes	250	5000 ³	< LOQ	ppm	Date/Time Analyzed: 11/16/22 13:10			
n-Butane	250	5000	< LOQ	ppm	Analysia Mathad/SOD: SOD T 40 021			

Analysis Method/SOP: SOP.T.40.031 iso-Butane < LOQ ppm 174 < LOQ Hexanes ppm 3 - Total butanes are calculated as n-Hexane < LOQ ppm sum of n-butanes (CAS# 106-97-8) 174 < LOQ 2-Methylpentane ppm and iso-butane (CAS# 75-28-5) 174 < LOQ 3-Methylpentane ppm 2,2-Dimethylbutane 174 < LOQ ppm 4 - Total hexanes are calculated as 2,3-Dimethylbutane 174 290 < LOQ ppm sum of n-hexane (CAS# 110-54-3), 5 Pentanes < LOQ ppm 2-methylpentane (CAS# 107-83-5), < LOQ n-Pentane ppm 3-methylpentane (CAS# 96-14-0), iso-Pentane < LOQ ppm 2,2-dimethylbutane (CAS# 75-83-2), < LOQ Neopentane ppm 2,3-dimethylbutane (CAS# 79-29-8) 2170 < LOQ ppm **Xylenes** 1,2-Dimethylbenzene < LOQ ppm 5 - Total pentanes are calculated as 1,3-Dimethylbenzene 2170 < LOQ ppm sum of n-pentane (CAS# 109-66-0), 1,4-Dimethylbenzene 2170 < LOQ ppm iso-pentane (CAS# 78-78-4), Ethyl benzene NA < LOQ ppm and neo-pentane (CAS# 463-82-1) 2-Propanol (IPA) < LOQ ppm < LOQ Acetone ppm 6 - Total xylenes are calculated as 410 < LOQ Acetonitrile ppm 1,2-dimethylbenzene (CAS# 95-47-6), Benzene 2 < LOQ ppm 1,3-dimethylbenzene (CAS# 106-42-3), < LOQ Methanol ppm and 1-4-dimethylbenzene (CAS# 106-42-3) < LOQ Propane ppm < LOQ Toluene ppm 7 - Ethanol is not regulated under Dichloromethane < LOQ ppm 1,4-Dioxane < LOQ ppm OAR-333-007-0410. 2-Butanol < LOQ ppm 2-Ethoxyethanol 96 < LOQ ppm TIC - Tentatively Identified Compound not 42 70 < LOQ Cumene ppm regulated under OAR-333-007-0410 Cyclohexane < LOQ ppm Ethyl acetate 1400 < LOQ ppm Ethyl ether < LOQ ppm Ethylene glycol < LOQ ppm Ethylene oxide 30 < LOQ ppm 1400 Heptane < LOQ ppm Isopropyl acetate 1400 < LOQ ppm Tetrahydrofuran 432 < LOQ ppm NA Ethanol 9811.537 ppm

Results above the action level fail Oregon state testing requirements and will be highlighted RED. LOQ=Limit of Quantitation; PPM=Parts per million; ND=Not detected; NT=Not tested; AC=Above calibration range. PASS/FAIL status based on OAR 333-007.

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Quality Control

Batch: P22K043 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS

Blank(P22K043-BLK1)		E	ctracted: 11/1	5/22 09:13	Analyzed: 11/16		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
alpha-Pinene	< LOQ	0.100 (mg/g)	< LOQ	beta-Pinene	< LOQ	0.100 (mg/g)	< LOQ
Camphene	< LOQ	0.100 (mg/g)	< LOQ	Sabinene	< LOQ	0.100 (mg/g)	< LOQ
Sabinene hydrate	< LOQ	0.100 (mg/g)	< LOQ	beta-Myrcene	< LOQ	0.100 (mg/g)	< LOQ
p-Mentha-1,5-diene	< LOQ	0.100 (mg/g)	< LOQ	(+)-3-Carene	< LOQ	0.100 (mg/g)	< LOQ
alpha-Terpinene	< LOQ	0.100 (mg/g)	< LOQ	gamma-Terpinene	< LOQ	0.100 (mg/g)	< LOQ
_imonene	< LOQ	0.100 (mg/g)	< LOQ	Eucalyptol	< LOQ	0.100 (mg/g)	< LOQ
Guaiol	< LOQ	0.100 (mg/g)	< LOQ	Terpinolene	< LOQ	0.100 (mg/g)	< LOQ
inalool	< LOQ	0.100 (mg/g)	< LOQ	Camphor	< LOQ	0.100 (mg/g)	< LOQ
+)-Camphor	< LOQ	0.100 (mg/g)	< LOQ	(-)-Camphor	< LOQ	0.100 (mg/g)	< LOQ
sopulegol	< LOQ	0.100 (mg/g)	< LOQ	Isoborneol	< LOQ	0.100 (mg/g)	< LOQ
Borneol	< LOQ	0.100 (mg/g)	< LOQ	Hexahydrothymol	< LOQ	0.100 (mg/g)	< LOQ
Geraniol	< LOQ	0.100 (mg/g)	< LOQ	(+)-Pulegone	< LOQ	0.100 (mg/g)	< LOQ
Verol	< LOQ	0.100 (mg/g)	< LOQ	cis-Nerolidol	< LOQ	0.100 (mg/g)	< LOQ
rans-Nerolidol	< LOQ	0.100 (mg/g)	< LOQ	Geranyl acetate	< LOQ	0.100 (mg/g)	< LOQ
alpha-Cedrene	< LOQ	0.100 (mg/g)	< LOQ	trans-Caryophyllene	< LOQ	0.100 (mg/g)	< LOQ
Caryophyllene Oxide	< LOQ	0.100 (mg/g)	< LOQ	alpha-Humulene	< LOQ	0.100 (mg/g)	< LOQ
/alencene	< LOQ	0.100 (mg/g)	< LOQ	alpha-Farnesene	< LOQ	0.100 (mg/g)	< LOQ
oeta-Farnesene	< LOQ	0.100 (mg/g)	< LOQ	Cedrol	< LOQ	0.100 (mg/g)	< LOQ
lpha-Bisabolol	< LOQ	0.100 (mg/g)	< LOQ	Fenchone	< LOQ	0.100 (mg/g)	< LOQ
enchyl Alcohol	< LOQ	0.100 (mg/g)	< LOQ	trans, beta- Ocimene	< LOQ	0.100 (mg/g)	< LOQ
eta, cis- Ocimene	< LOQ	0.100 (mg/g)	< LOQ	Terpineol	< LOQ	0.100 (mg/g)	< LOQ

Batch: P22K045 - SOP.T.40.031 Solvents

Blank(P22K045-BLK1)		E	Extracted: 11/15/22 09:25		Analyzed: 11/16/2		
Analyte	Result	LOQ	Recovery Limits Analyte		Result	Recovery Limits	
Butanes	< LOQ	250 (ppm)	< LOQ	n-Butane	< LOQ	250 (ppm)	< LOQ
iso-Butane	< LOQ	250 (ppm)	< LOQ	Hexanes	< LOQ	174 (ppm)	< LOQ
n-Hexane	< LOQ	174 (ppm)	< LOQ	2-Methylpentane	< LOQ	174 (ppm)	< LOQ
3-Methylpentane	< LOQ	174 (ppm)	< LOQ	2,2-Dimethylbutane	< LOQ	174 (ppm)	< LOQ
2,3-Dimethylbutane	< LOQ	174 (ppm)	< LOQ	Pentanes	< LOQ	1400 (ppm)	< LOQ
n-Pentane	< LOQ	1400 (ppm)	< LOQ	iso-Pentane	< LOQ	1400 (ppm)	< LOQ
Neopentane	< LOQ	250 (ppm)	< LOQ	Xylenes	< LOQ	1302 (ppm)	< LOQ
1,2-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ	1,3-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ
1,4-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ	Ethyl benzene	< LOQ	1302 (ppm)	< LOQ
2-Propanol (IPA)	< LOQ	1400 (ppm)	< LOQ	Acetone	< LOQ	1400 (ppm)	< LOQ
Acetonitrile	< LOQ	246 (ppm)	< LOQ	Benzene	< LOQ	1.2 (ppm)	< LOQ
Methanol	< LOQ	1000 (ppm)	< LOQ	Propane	< LOQ	250 (ppm)	< LOQ

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David Lorse

All QC samples meet acceptance criteria of the method; data available upon request. The results relate only to the material or product analyzed for the sample included on this report.



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Quality Control

Batch: P22K045 - SOP.T.40.031 Solvents (Continued)

Blank(P22K045-BLK1)		E	Extracted: 11/15/22 09:25			Analyzed: 11/16/22 13:10		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits	
Toluene	< LOQ	534 (ppm)	< LOQ	Dichloromethane	< LOQ	360 (ppm)	< LOQ	
1,4-Dioxane	< LOQ	228 (ppm)	< LOQ	2-Butanol	< LOQ	1400 (ppm)	< LOQ	
2-Ethoxyethanol	< LOQ	96 (ppm)	< LOQ	Cumene	< LOQ	42 (ppm)	< LOQ	
Cyclohexane	< LOQ	2278 (ppm)	< LOQ	Ethyl acetate	< LOQ	1400 (ppm)	< LOQ	
Ethyl ether	< LOQ	1400 (ppm)	< LOQ	Ethylene glycol	< LOQ	372 (ppm)	< LOQ	
Ethylene oxide	< LOQ	30 (ppm)	< LOQ	Heptane	< LOQ	1400 (ppm)	< LOQ	
Isopropyl acetate	< LOQ	1400 (ppm)	< LOQ	Tetrahydrofuran	< LOQ	432 (ppm)	< LOQ	
Ethanol	< LOQ	1400 (ppm)	< LOQ					

LCS(P22K045-BS1)			Extracted: 11/1	5/22 09:25	Analyzed: 11/16/22		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery LOG		Recovery Limits
n-Butane	60.9	(ppm)	60-120	iso-Butane	61.5	(ppm)	60-120
n-Hexane	76.7	(ppm)	60-120	2-Methylpentane	74.4	(ppm)	60-120
3-Methylpentane	75.6	(ppm)	60-120	2,2-Dimethylbutane	74.2	(ppm)	60-120
2,3-Dimethylbutane	77.2	(ppm)	60-120	n-Pentane	72.4	(ppm)	60-120
so-Pentane	71.0	(ppm)	60-120	Neopentane	63.5	(ppm)	60-120
,2-Dimethylbenzene	66.0	(ppm)	60-120	1,3-Dimethylbenzene	67.9	(ppm)	60-120
,4-Dimethylbenzene	67.9	(ppm)	60-120	Ethyl benzene	68.2	(ppm)	60-120
-Propanol (IPA)	81.6	(ppm)	60-120	Acetone	78.4	(ppm)	60-120
Acetonitrile	77.7	(ppm)	60-120	Benzene	74.7	(ppm)	60-120
lethanol	77.7	(ppm)	60-120	Propane	50.2	(ppm)	60-120
oluene	73.8	(ppm)	60-120	Dichloromethane	78.8	(ppm)	60-120
,4-Dioxane	75.7	(ppm)	60-120	2-Butanol	79.2	(ppm)	60-120
2-Ethoxyethanol	76.1	(ppm)	60-120	Cumene	70.0	(ppm)	60-120
Cyclohexane	74.4	(ppm)	60-120	Ethyl acetate	79.0	(ppm)	60-120
Ethyl ether	73.9	(ppm)	60-120	Ethylene glycol	79.1	(ppm)	60-120
thylene oxide	70.9	(ppm)	60-120	Heptane	77.2	(ppm)	60-120
sopropyl acetate	74.6	(ppm)	60-120	Tetrahydrofuran	76.8	(ppm)	60-120

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Report: COA Evaluation Summary

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ABORATORIES

For OLCC/OHA Compliance Purposes.

Product Description Evaluation Summary Client: **Sungold Botanicals Test Not Required** Moisture Analysis I Product Name: SGB2204BLD Dup Cannabinoid Potency Analysis Abrv. Dry Wt. % Dry Wt. mg/g THCA < LOQ <LOQ **Total THC*** Total CBD * ∆-9-THC 1.71 % 17.1 mg/g Matrix: Hemp Concentrate ∆-8-THC < LOQ < LOQ 1.71 % 63.87 % Metrc Source ID: n/a THCV < LOQ < LOQ Metrc Package ID: n/a CBDA 0.50 % 5.0 mg/g 17.1 mg/g 638.7 mg/g License Number: AG-R1057703IHH CBD 63.43 % 634.3 mg/g Date Collected: 2022-11-11 CBGA <LOQ <LOQ 18.4 mg/g Date Received: 2022-11-11 CBG 1.84 % Report Date: 2022-11-17 CBDVA < LOQ < LOQ Report ID: A8171-02 CBDV 0.99 % 9.9 mg/g Tests Requested: Cannabinoid Potency Analysis CBN 0.34 % 3.4 mg/g Pesticide Analysis Total CBL < LOQ < LOQ Mycotoxin Analysis Cannabinoids **Residual Solvent Analysis** 71.82% CBC 3.01 % 30.1 mg/g CBD Total CBD Pesticide Analysis Pesticide Status No pesticides were detected above Oregon's action limit as stated in OAR 333-Pass

007-0400.



This certificate of analysis is prepared for...

Sungold Botanicals

3200 West Hills Road Philomath OR 97370

This report presents the analytical findings for the sample collected on 2022-11-11 by Robert Vingelen using sampling plan A8171 and received by PREE Laboratory on 2022-11-11. The sample was assigned a laboratory ID of A8171-02. The results in this report only apply to sample A8171-02.

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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. Residual solvent analysis was subcontracted. The report from the subcontracting laboratory is attached. TOTAL CANNABINOIDS - 695mg/g | 69.5% THC TOTAL - 16.8mg/g | 1.68% CBD TOTAL - 620.8mg/g | 62.08% d8 TOTAL - 0mg/g | 0% THC RPD value - 4.01 CBD RPD value - 5.76 d8 RPD value - None

This Report has been revised due to a naming error. This is Revision #1.

an Ant

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.

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For OLCC/OHA Compliance Purposes.

Moisture Analysis		Test Not Requested/Required				
		Requested/Required				
Evaluation Detail						
Cannabinoid Potency Analysis	I	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Total THC *		Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.1875
1.71 %		Delta9 Tetrahydro-cannabinol	∆-9-THC	1.71 %	17.1	0.1875
17.1 mg/g		Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	<loq< td=""><td>0.1875</td></loq<>	0.1875
		Tetrahydrocannabivarin	THCV	< LOQ	<loq< td=""><td>0.1875</td></loq<>	0.1875
Total CBD *		Cannabidiolic acid	CBDA	0.50 %	5.0	0.1875
63.87 %		Cannabidiol	CBD	63.43 %	634.3	0.1875
638.7 mg/g		Cannabigerolic acid	CBGA	< LOQ	<loq< td=""><td>0.1875</td></loq<>	0.1875
		Cannabigerol	CBG	1.84 %	18.4	0.1875
		Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.1875
		Cannabidivarin	CBDV	0.99 %	9.9	0.1875
						0.1875
						0.1875
		Cannabichromene	CBC	3.01 %	30.1	0.1875
	Cannabinoid Potency Analysis Total THC * 1.71 % 17.1 mg/g Total CBD * 63.87 %	Cannabinoid Potency Analysis Total THC * 1.71 % 17.1 mg/g Total CBD * 63.87 %	Cannabinoid Potency Analysis Compound Total THC * Tetrahydro-cannabinolic acid 1.71 % Delta9 Tetrahydro-cannabinol 17.1 mg/g Delta8 Tetrahydro-cannabinol Total CBD * Cannabidiolic acid 63.87 % Cannabidiol 638.7 mg/g Cannabidiol Cannabidiol Cannabidiol Cannabidivarinic acid Cannabidivarinic acid	Cannabinoid Potency AnalysisICompoundAbrv.Total THC *Tetrahydro-cannabinolic acidTHCA1.71 %Delta9 Tetrahydro-cannabinolΔ-9-THC17.1 mg/gDelta8 Tetrahydro-cannabinolΔ-8-THCTotal CBD *Cannabidiolic acidCBDA63.87 %CannabidiolCBD638.7 mg/gCannabigerolic acidCBGCannabigerolCBGCBDVACannabidivarinic acidCBDVACannabidivarinic acidCBDVACannabidivarinic acidCBDVACannabidivarinic acidCBDVACannabidivarinic acidCBNCannabicyclolCBNCannabicyclolCBL	Cannabinoid Potency AnalysisICompoundAbrv.Dry Wt. (%)Total THC *Tetrahydro-cannabinolic acidTHCA< LOQ	Cannabinoid Potency AnalysisICompoundAbrv.Dry Wt. (%)Dry Wt. (mg/g)Total THC *Tetrahydro-cannabinolic acidTHCA< LOQ

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

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Pesticide Analysis

Product Name:	SGB2204BLD Dup
Analysis Date:	2022-11-14
Testing Batch ID:	PEE221114A
Testing Method:	LSOP #307 Pesticides by LCMS/MS

Evaluation Detail

Pesticide Name	Ι	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
					Continued on next pag

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Pesticide Analysis

Evaluation Detail

Pesticide Name	I	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		< LOQ	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



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Moisture Analysis	Quality Control Detail							
	Moisture Analysis							
Cannabinoid Potency Analysis	Quality Control Detail							
Analysis Date: 2022-11-14	Cannabinoid Potency Analysis		MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria	
Testing Batch ID: POR221114A	Tetrahydro-cannabinolic acid		0		< 0.1%	< 0.1%	< 0.1%	
Testing Batch ID: POR221114A	Delta9 Tetrahydro-cannabinol		0		< 0.1%	< 0.1%	< 0.1%	
	Delta8 Tetrahydro-cannabinol		0		< 0.1%	< 0.1%	< 0.1%	
	Cannabidiolic acid		0		< 0.1%	< 0.1%	< 0.1%	
	Cannabidiol		0		< 0.1%	< 0.1%	< 0.1%	
	Tetrahydro-cannabinolic acid			٠	100.0%	102.3%	± 10%	
	Delta9 Tetrahydro-cannabinol			•	100.0%	103.3%	± 10%	
	Delta8 Tetrahydro-cannabinol			٠	100.0%	104.8%	± 10%	
Note: Accreditation for THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.	Cannabidiolic acid			٠	100.0%	105.4%	± 10%	
· · · · · · · · · · · · · · · · · · ·	Cannabidiol			٠	100.0%	104.2%	± 10%	

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Pesticide Analysis

Analysis Date: 2022-11-14

Testing Batch ID: PEE221114A

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	0	< 0.1	< 0.1	< 0.1
Acephate	0	< 0.02	< 0.02	< 0.02
Acequinocyl	0	< 0.1	< 0.1	< 0.1
Acetamiprid	0	< 0.02	< 0.02	< 0.02
Aldicarb	0	< 0.02	< 0.02	< 0.02
Azoxystrobin	0	< 0.02	< 0.02	< 0.02
Bifenazate	0	< 0.02	< 0.02	< 0.02
Bifenthrin	0	< 0.1	< 0.1	< 0.1
Boscalid	0	< 0.02	< 0.02	< 0.02
Carbaryl	0	< 0.02	< 0.02	< 0.02
Carbofuran	0	< 0.1	< 0.1	< 0.1
Chlorantraniliprole	0	< 0.02	< 0.02	< 0.02
Chlorfenapyr	0	< 0.5	< 0.5	< 0.5
Chlorpyrifos	0	< 0.02	< 0.02	< 0.02
Clofentezine	0	< 0.1	< 0.1	< 0.1
Cyfluthrin	0	< 0.5	< 0.5	< 0.5
Cypermethrin	0	< 0.5	< 0.5	< 0.5
Daminozide	0	< 0.1	< 0.1	< 0.1
Diazinon	0	< 0.02	< 0.02	< 0.02
Dichlorvos	0	< 0.1	< 0.1	< 0.1
Dimethoate	0	< 0.02	< 0.02	< 0.02
Ethoprophos	0	< 0.02	< 0.02	< 0.02
Etofenprox	0	< 0.1	< 0.1	< 0.1
Etoxazole	0	< 0.02	< 0.02	< 0.02
enoxycarb	0	< 0.02	< 0.02	< 0.02
enpyroximate	0	< 0.1	< 0.1	< 0.1
Fipronil	0	< 0.02	< 0.02	< 0.02
- Flonicamid	0	< 0.02	< 0.02	< 0.02
Fludioxonil	0	< 0.1	< 0.1	< 0.1
lexythiazox	0	< 0.02	< 0.02	< 0.02
mazalil	0	< 0.02	< 0.02	< 0.02
midacloprid	0	< 0.02	< 0.02	< 0.02
Kresoxim-methyl	0	< 0.1	< 0.1	< 0.1

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Pesticide Analysis

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	0	< 0.02	< 0.02	< 0.02
Metalaxyl	0	< 0.02	< 0.02	< 0.02
Methiocarb	0	< 0.02	< 0.02	< 0.02
Methomyl	0	< 0.02	< 0.02	< 0.02
Methyl-Parathion	0	< 0.1	< 0.1	< 0.1
MGK-264 I	0	< 0.1	< 0.1	< 0.1
MGK-264 II	0	< 0.1	< 0.1	< 0.1
Myclobutanil	0	< 0.1	< 0.1	< 0.1
Naled	0	< 0.02	< 0.02	< 0.02
Dxamyl	0	< 0.02	< 0.02	< 0.02
Paclobutrazol	0	< 0.02	< 0.02	< 0.02
Permethrin - trans	0	< 0.1	< 0.1	< 0.1
^D ermethrin - cis	0	< 0.1	< 0.1	< 0.1
Phosmet	0	< 0.02	< 0.02	< 0.02
Piperonyl butoxide	0	< 0.02	< 0.02	< 0.02
Prallethrin	0	< 0.1	< 0.1	< 0.1
Propiconazole	0	< 0.1	< 0.1	< 0.1
Propoxur	0	< 0.02	< 0.02	< 0.02
^D yrethrin - Cinerin	0	< 0.5	< 0.5	< 0.5
^o yrethrin - Jasmolin	0	< 0.5	< 0.5	< 0.5
Pyrethrin - Pyrethrins	0	< 0.2	< 0.2	< 0.2
Pyridaben	0	< 0.02	< 0.02	< 0.02
Spinosyn A	0	< 0.1	< 0.1	< 0.1
Spinosyn D	0	< 0.1	< 0.1	< 0.1
Spiromesifen	0	< 0.1	< 0.1	< 0.1
Spirotetramat	0	< 0.02	< 0.02	< 0.02
Spiroxamine	0	< 0.1	< 0.1	< 0.1
ebuconazole	0	< 0.02	< 0.02	< 0.02
Thiacloprid	0	< 0.02	< 0.02	< 0.02
Thiamethoxam	0	< 0.02	< 0.02	< 0.02
Frifloxystrobin	0	< 0.02	< 0.02	< 0.02

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Pesticide Analysis

Pesticide Name	I	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%
Abamectin		٠	100.00	106.48	50 - 150
Acephate		•	100.00	98.56	60 - 120
Acequinocyl		•	100.00	81.89	40 - 160
Acetamiprid		•	100.00	104.18	60 - 120
Aldicarb		•	100.00	89.92	60 - 120
Azoxystrobin		•	100.00	92.30	60 - 120
Bifenazate		•	100.00	92.84	60 - 120
Bifenthrin		•	100.00	86.69	50 - 150
Boscalid		•	100.00	88.57	60 - 120
Carbaryl		•	100.00	100.13	60 - 120
Carbofuran		٠	100.00	99.97	60 - 120
Chlorantraniliprole		•	100.00	89.90	60 - 120
Chlorfenapyr		•	100.00	84.66	60 - 120
Chlorpyrifos		•	100.00	96.44	60 - 120
Clofentezine		•	100.00	91.76	60 - 120
Cyfluthrin		•	100.00	87.24	50 - 150
Cypermethrin		•	100.00	88.93	50 - 150
Daminozide		•	100.00	105.10	60 - 120
Diazinon		•	100.00	95.01	60 - 120
Dichlorvos		•	100.00	93.31	60 - 120
Dimethoate		•	100.00	96.04	60 - 120
Ethoprophos		•	100.00	96.71	60 - 120
Etofenprox		•	100.00	96.07	50 - 150
Etoxazole		•	100.00	94.79	60 - 120
Fenoxycarb		•	100.00	95.52	60 - 120
Fenpyroximate		•	100.00	107.72	60 - 120
Fipronil		•	100.00	83.68	60 - 120
Flonicamid		•	100.00	97.16	60 - 120
Fludioxonil		•	100.00	94.19	50 - 150
Hexythiazox		•	100.00	86.54	60 - 120
Imazalil		•	100.00	99.31	60 - 120
Imidacloprid		•	100.00	97.10	60 - 120
Kresoxim-methyl		•	100.00	92.81	60 - 120

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Pesticide Analysis

Pesticide Name	I	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%
Malathion		٠	100.00	92.36	60 - 120
Metalaxyl		•	100.00	93.75	60 - 120
Methiocarb		•	100.00	93.08	60 - 120
Methomyl		•	100.00	100.93	60 - 120
Methyl-Parathion		•	100.00	97.08	50 - 150
MGK-264 I		•	100.00	81.34	50 - 150
MGK-264 II		•	100.00	94.34	50 - 150
Myclobutanil		•	100.00	94.60	60 - 120
Naled		•	100.00	98.36	50 - 150
Oxamyl		•	100.00	98.43	60 - 120
Paclobutrazol		•	100.00	99.45	60 - 120
Permethrin - trans		•	100.00	87.58	50 - 150
Permethrin - cis		•	100.00	94.10	50 - 150
Phosmet		•	100.00	88.69	50 - 150
Piperonyl butoxide		•	100.00	111.94	60 - 120
Prallethrin		•	100.00	96.66	60 - 120
Propiconazole		•	100.00	93.35	60 - 120
Propoxur		•	100.00	97.69	60 - 120
Pyrethrin - Cinerin		•	100.00	119.34	60 - 120
Pyrethrin - Jasmolin		•	100.00	106.86	60 - 120
Pyrethrin - Pyrethrins		•	100.00	107.10	60 - 120
Pyridaben		•	100.00	100.15	50 - 150
Spinosyn A		•	100.00	88.97	50 - 150
Spinosyn D		•	100.00	83.80	50 - 150
Spiromesifen		•	100.00	87.93	60 - 120
Spirotetramat		•	100.00	90.90	60 - 120
Spiroxamine		•	100.00	90.15	60 - 120
Tebuconazole		•	100.00	93.56	60 - 120
Thiacloprid		•	100.00	106.36	60 - 120
Thiamethoxam		•	100.00	94.33	60 - 120
Trifloxystrobin		•	100.00	87.45	60 - 120

Report: Definition



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 :	Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100 Total THC% = (%THCA) x 0.877 + (%THC) Total CBD% = (%CBDA) x 0.877 + (%CBD) Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
		Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]
•	Percentage Recovery :	% Rec. = [(Amount measured) / (Known amount)] * 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.

Report: COA Evaluation Summary

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Product Description

ipuon
Sungold Botanicals
SGB2204BLD Dup
Hemp Concentrate
n/a
n/a
AG-R1057703IHH
2022-11-11
2022-11-11
2022-11-17
A8171-02
Cannabinoid Potency Analysis Pesticide Analysis

Mycotoxin Analysis Residual Solvent Analysis

Evaluation Summary

Pass

Mycotoxin Analysis

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

LABORATORIES



This certificate of analysis is prepared for...

Sungold Botanicals

3200 West Hills Road Philomath OR 97370

This report presents the analytical findings for the sample collected on 2022-11-11 by Robert Vingelen using sampling plan A8171 and received by PREE Laboratory on 2022-11-11. The sample was assigned a laboratory ID of A8171-02. The results in this report only apply to sample A8171-02.

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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. Residual solvent analysis was subcontracted. The report from the subcontracting laboratory is attached. TOTAL CANNABINOIDS - 695mg/g | 69.5% THC TOTAL - 16.8mg/g | 1.68% CBD TOTAL - 620.8mg/g | 62.08% d8 TOTAL - 0mg/g | 0% THC RPD value - 4.01 CBD RPD value - 5.76 d8 RPD value - None

This Report has been revised due to a naming error. This is Revision #1.

and And

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.

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Mycotoxin Analysis

Product Name:	SGB2204BLD Dup
Analysis Date:	2022-11-14
Testing Batch ID:	MYV221114A
Testing Method:	LSOP #308 Mycotoxin by LCMS/MS

Evaluation Detail

Mycotoxin Name	I	Tested Value (ppb)	Pass Criteria (ppb)	LOQ (ppb)	Status Pass/Unsatisfactory
Aflatoxin (Total)		< LOQ	20.00	10.00	Pass
Aflatoxin E	31	< LOQ	20.00	10.00	Pass
Aflatoxin E	32	< LOQ	20.00	10.00	Pass
Aflatoxin G	51	< LOQ	20.00	10.00	Pass
Aflatoxin G	62	< LOQ	20.00	10.00	Pass
Ochratoxin A		< LOQ	20.00	10.00	Pass

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Mycotoxin Analysis

Analysis Date:	2022-11-14
Testing Batch ID:	MYV221114A

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.

Mycotoxin Name	ME	B LCS	Expected Value	Tested Value	Pass Criteria
Aflatoxin B1	0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B2	0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G1	0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G2	0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Ochratoxin A	0		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B1		•	100.0%	96.1%	60% - 120%
Aflatoxin B2		•	100.0%	95.9%	60% - 120%
Aflatoxin G1		•	100.0%	94.2%	60% - 120%
Aflatoxin G2		•	100.0%	92.4%	60% - 120%
Ochratoxin A		٠	100.0%	98.3%	60% - 120%

Report: Definition



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 :	Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100 Total THC% = (%THCA) x 0.877 + (%THC) Total CBD% = (%CBDA) x 0.877 + (%CBD) Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
		Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]
•	Percentage Recovery :	% Rec. = [(Amount measured) / (Known amount)] * 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.



PREE Laboratories - North

14625 SE 82nd Dr. Suite A, Clackamas, OR 97015

503-954-2562 / OLCC 010-10219583711 / www.PREElab.com

SGB2204B	I D Dui	0			Date Sampled: 11/14/22 09:00
PREE Lab - South 010-10087092BDA Sample ID: P220517-	02 MET	RC Batch #:			Date Accepted: 11/14/22 Batch ID: Batch Size:
Matrix: Extract/Conc	entrate				Sampling Method/SOP: SOP.T.20.010
		R	esidual S	Solvents	
Analyte	LOQ	Action Level	Result	Units	Date/Time Extracted: 11/15/22 09:25
Butanes	250	5000 ³	< LOQ	ppm	Date/Time Analyzed: 11/16/22 13:10
n-Butane	250	5000	<100	ppm	•

Butanes	250	5000 5	< LOQ	ppm	Date/Time Analyzed: 11/16/22 13:10
n-Butane	250	5000	< LOQ	ppm	Analysis Method/SOP: SOP.T.40.031
iso-Butane	250	5000	< LOQ	ppm	Analysis Method/SOF . SOF . 1.40.001
Hexanes	174	290 4	< LOQ	ppm	3 - Total butanes are calculated as
n-Hexane	174	290	< LOQ	ppm	sum of n-butanes (CAS# 106-97-8)
2-Methylpentane	174	290	< LOQ	ppm	and iso-butane (CAS# 75-28-5)
3-Methylpentane	174	290	< LOQ	ppm	
2,2-Dimethylbutane	174	290	< LOQ	ppm	4 - Total hexanes are calculated as
2,3-Dimethylbutane	174	290	< LOQ	ppm	sum of n-hexane (CAS# 110-54-3),
Pentanes	1400	5000 5	< LOQ	ppm	2-methylpentane (CAS# 107-83-5),
n-Pentane	1400	5000	< LOQ	ppm	3-methylpentane (CAS# $107-00-0)$, 3 -methylpentane (CAS# $96-14-0$),
iso-Pentane	1400	5000	< LOQ	ppm	2,2-dimethylbutane (CAS# $75-83-2$),
Neopentane	250	5000	< LOQ	ppm	2,3-dimethylbutane (CAS# 79-29-8)
Xylenes	1302	2170	< LOQ	ppm	2,5-dimetrybutarie (CA5# 79-29-0)
1,2-Dimethylbenzene	1302	2170	< LOQ	ppm	E Total pontaneo are calculated as
1,3-Dimethylbenzene	1302	2170	< LOQ	ppm	5 - Total pentanes are calculated as
1,4-Dimethylbenzene	1302	2170	< LOQ	ppm	sum of n-pentane (CAS# 109-66-0),
Ethyl benzene	1302	NA	< LOQ	ppm	iso-pentane (CAS# 78-78-4),
2-Propanol (IPA)	1400	5000	< LOQ	ppm	and neo-pentane (CAS# 463-82-1)
Acetone	1400	5000	< LOQ	ppm	
Acetonitrile	246	410	< LOQ	ppm	6 - Total xylenes are calculated as
Benzene	1.2	2	< LOQ	ppm	1,2-dimethylbenzene (CAS# 95-47-6),
Methanol	1000	3000	< LOQ	ppm	1,3-dimethylbenzene (CAS# 106-42-3),
Propane	250	5000	< LOQ	ppm	and 1-4-dimethylbenzene (CAS# 106-42-3)
Toluene	534	890	< LOQ	ppm	
Dichloromethane	360	600	< LOQ	ppm	7 - Ethanol is not regulated under
1,4-Dioxane	228	380	< LOQ	ppm	OAR-333-007-0410.
2-Butanol	1400	5000	< LOQ	ppm	
2-Ethoxyethanol	96	160	< LOQ	ppm	TIC - Tentatively Identified Compound not
Cumene	42	70	< LOQ	ppm	regulated under OAR-333-007-0410
Cyclohexane	2278	3880	< LOQ	ppm	
Ethyl acetate	1400	5000	< LOQ	ppm	
Ethyl ether	1400	5000	< LOQ	ppm	
Ethylene glycol	372	620	< LOQ	ppm	
Ethylene oxide	30	50	< LOQ	ppm	
Heptane	1400	5000	< LOQ	ppm	
Isopropyl acetate	1400	5000	< LOQ	ppm	
Tetrahydrofuran	432	720	< LOQ	ppm	
Ethanol	1400	NA 7	8435.163	ppm	

Results above the action level fail Oregon state testing requirements and will be highlighted RED. LOQ=Limit of Quantitation; PPM=Parts per million; ND=Not detected; NT=Not tested; AC=Above calibration range. PASS/FAIL status based on OAR 333-007.

Sint Quil-In

David Lorse Technical Director - 11/18/2022

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PREE Laboratories - North

14625 SE 82nd Dr. Suite A, Clackamas, OR 97015

503-954-2562 / OLCC 010-10219583711 / www.PREElab.com

Quality Control

Batch: P22K045 - SOP.T.40.031 Solvents

-	=			5/22 09:25	Analyzed: 11/16		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Butanes	< LOQ	250 (ppm)	< LOQ	n-Butane	< LOQ	250 (ppm)	< LOQ
so-Butane	< LOQ	250 (ppm)	< LOQ	Hexanes	< LOQ	174 (ppm)	< LOQ
n-Hexane	< LOQ	174 (ppm)	< LOQ	2-Methylpentane	< LOQ	174 (ppm)	< LOQ
3-Methylpentane	< LOQ	174 (ppm)	< LOQ	2,2-Dimethylbutane	< LOQ	174 (ppm)	< LOQ
2,3-Dimethylbutane	< LOQ	174 (ppm)	< LOQ	Pentanes	< LOQ	1400 (ppm)	< LOQ
n-Pentane	< LOQ	1400 (ppm)	< LOQ	iso-Pentane	< LOQ	1400 (ppm)	< LOQ
Neopentane	< LOQ	250 (ppm)	< LOQ	Xylenes	< LOQ	1302 (ppm)	< LOQ
1,2-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ	1,3-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ
1,4-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ	Ethyl benzene	< LOQ	1302 (ppm)	< LOQ
2-Propanol (IPA)	< LOQ	1400 (ppm)	< LOQ	Acetone	< LOQ	1400 (ppm)	< LOQ
Acetonitrile	< LOQ	246 (ppm)	< LOQ	Benzene	< LOQ	1.2 (ppm)	< LOQ
Methanol	< LOQ	1000 (ppm)	< LOQ	Propane	< LOQ	250 (ppm)	< LOQ
Toluene	< LOQ	534 (ppm)	< LOQ	Dichloromethane	< LOQ	360 (ppm)	< LOQ
1,4-Dioxane	< LOQ	228 (ppm)	< LOQ	2-Butanol	< LOQ	1400 (ppm)	< LOQ
2-Ethoxyethanol	< LOQ	96 (ppm)	< LOQ	Cumene	< LOQ	42 (ppm)	< LOQ
Cyclohexane	< LOQ	2278 (ppm)	< LOQ	Ethyl acetate	< LOQ	1400 (ppm)	< LOQ
Ethyl ether	< LOQ	1400 (ppm)	< LOQ	Ethylene glycol	< LOQ	372 (ppm)	< LOQ
Ethylene oxide	< LOQ	30 (ppm)	< LOQ	Heptane	< LOQ	1400 (ppm)	< LOQ
sopropyl acetate	< LOQ	1400 (ppm)	< LOQ	Tetrahydrofuran	< LOQ	432 (ppm)	< LOQ
Ethanol	< LOQ	1400 (ppm)	< LOQ				

LCS(P22K045-BS1)			Extracted: 11/18	5/22 09:25	Analyzed: 11/16/22		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
n-Butane	60.9	(ppm)	60-120	iso-Butane	61.5	(ppm)	60-120
n-Hexane	76.7	(ppm)	60-120	2-Methylpentane	74.4	(ppm)	60-120
3-Methylpentane	75.6	(ppm)	60-120	2,2-Dimethylbutane	74.2	(ppm)	60-120
2,3-Dimethylbutane	77.2	(ppm)	60-120	n-Pentane	72.4	(ppm)	60-120
so-Pentane	71.0	(ppm)	60-120	Neopentane	63.5	(ppm)	60-120
I,2-Dimethylbenzene	66.0	(ppm)	60-120	1,3-Dimethylbenzene	67.9	(ppm)	60-120
I,4-Dimethylbenzene	67.9	(ppm)	60-120	Ethyl benzene	68.2	(ppm)	60-120
2-Propanol (IPA)	81.6	(ppm)	60-120	Acetone	78.4	(ppm)	60-120
Acetonitrile	77.7	(ppm)	60-120	Benzene	74.7	(ppm)	60-120
Methanol	77.7	(ppm)	60-120	Propane	50.2	(ppm)	60-120
Foluene	73.8	(ppm)	60-120	Dichloromethane	78.8	(ppm)	60-120
I,4-Dioxane	75.7	(ppm)	60-120	2-Butanol	79.2	(ppm)	60-120
2-Ethoxyethanol	76.1	(ppm)	60-120	Cumene	70.0	(ppm)	60-120
Cyclohexane	74.4	(ppm)	60-120	Ethyl acetate	79.0	(ppm)	60-120

Sint Quit-In

David Lorse Technical Director - 11/18/2022

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Quality Control

Batch: P22K045 - SOP.T.40.031 Solvents (Continued)

LCS(P22K045-BS1)			Extracted: 11/1	5/22 09:25	Analyzed: 11/16/22		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Ethyl ether	73.9	(ppm)	60-120	Ethylene glycol	79.1	(ppm)	60-120
Ethylene oxide	70.9	(ppm)	60-120	Heptane	77.2	(ppm)	60-120
Isopropyl acetate	74.6	(ppm)	60-120	Tetrahydrofuran	76.8	(ppm)	60-120

Scint Cont-tan David Lorse Technical Director - 11/18/2022

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