



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Cookies

Cookies Florida
2000 Brunswick lane
Deland, FL 32724

Batch # E851202205090004-01
Batch Date: 2022-08-09
Sampling Method: MSP 7.3.1

Seed to Sale # E851202205090004-0001
Lot ID: E851202205090004-0001
Cultivars: E85
Test Reg State: Florida

Cultivation Facility: Cookies Deland B3
Cultivation Date: 0000-00-00
Production Facility: Cookies Processing Deland
Production Date: 2022-08-09

Order # CO0220809-130001
Order Date: 2022-08-09
Sample # AADF703

Sampling Date: 2022-08-09
Lab Batch Date: 2022-08-09
Completion Date: 2022-08-11

Initial Gross Weight: 77.200 g
Net Weight: 31.600 g

Number of Units: 9
Net Weight per Unit: 3511.111 mg



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed
Residual Solvents Not Tested	Moisture Passed	Water Activity Passed	Pathogenic Passed	Microbiology (qPCR) Passed
Filtration and Foreign Passed	Total Contaminant Load Passed			

Potency - 11 **Tested**
SOP13.001 (LCUV)

Specimen Weight: 194.530 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
THCA	1500.000	3.20E-5	0.001	302.660	30.266
CBGA	1500.000	8.00E-5	0.001	10.860	1.086
Delta-9 THC	1500.000	1.30E-5	0.001	3.650	0.365
CBDA	1500.000	1.00E-5	0.001	<LOQ	<LOQ
THCV	1500.000	7.00E-6	0.001	<LOQ	<LOQ
CBDV	1500.000	6.50E-5	0.001	<LOQ	<LOQ
CBD	1500.000	5.40E-5	0.001	<LOQ	<LOQ
Delta-8 THC	1500.000	2.60E-5	0.001	<LOQ	<LOQ
CBN	1500.000	1.40E-5	0.001	<LOQ	<LOQ
CBG	1500.000	2.48E-4	0.001	<LOQ	<LOQ
CBC	1500.000	1.80E-5	0.001	<LOQ	<LOQ

Sample Prepared By: 1195 Date: 2022-08-10 21:24:24 Sample Analyzed By: 1142 Date: 2022-08-10 14:18:58
Batch Reviewed By: 1216 Date: 2022-08-11 17:12:37 Lab Batch #: AADF703-14 Date: 2022-08-11 17:12:37

Potency Summary

Total THC 26.908% 944.780mg	Total CBD None Detected
Total CBG 0.952% 33.440mg	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 27.861% 978.220mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	9.279	0.928%
(R)-(+)-Limonene	6.267	0.627%
Borneol	2.52	0.252%
Farnesene	2.389	0.239%
alpha-Humulene	1.948	0.195%
Linalool	1.791	0.179%
alpha-Bisabolol	1.249	0.125%
alpha-Pinene	1.082	0.108%
beta-Pinene	1.082	0.108%
Fenchyl Alcohol	1.052	0.105%
beta-Myrcene	0.582	0.058%
Fenchone	0.222	0.022%
Ocimene	0.12	0.012%

Total Terpenes: 2.958%

Detailed Terpenes Analysis is on the following page

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram
Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents present above the LOQ, but below the Acceptable Limit.

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Order # CO0220809-130001
Order Date: 2022-08-09
Sample # AADF703

Sampling Date: 2022-08-09
Lab Batch Date: 2022-08-09
Completion Date: 2022-08-11

Initial Gross Weight: 77.200 g
Net Weight: 31.600 g

Number of Units: 9
Net Weight per Unit: 3511.111 mg

Pesticides FL V4

Specimen Weight: 274.000 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.470

Analyte	Dilution (1:n)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	Dilution (1:n)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	5.470	2.8800E-1	28.23	100	<LOQ	Fludioxonil	5.470	1.7400E+0	48	100	<LOQ
Acephate	5.470	2.3000E-2	30	100	<LOQ	Hexythiazox	5.470	4.9000E-2	30	100	<LOQ
Acequinocyl	5.470	9.5640E+0	48	100	<LOQ	Imazalil	5.470	2.4800E-1	30	100	<LOQ
Acetamiprid	5.470	5.2000E-2	30	100	<LOQ	Imidacloprid	5.470	9.4000E-2	30	400	<LOQ
Aldicarb	5.470	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	5.470	4.2000E-2	30	100	<LOQ
Azoxystrobin	5.470	8.1000E-2	10	100	<LOQ	Malathion	5.470	8.2000E-2	30	100	<LOQ
Bifenazate	5.470	4.3000E-2	30	100	<LOQ	Metalaxyl	5.470	8.1000E-2	10	100	<LOQ
Bifenthrin	5.470	1.4150E+0	30	100	<LOQ	Methiocarb	5.470	3.2000E-2	30	100	<LOQ
Boscalid	5.470	5.5000E-2	10	100	<LOQ	Methomyl	5.470	2.2000E-2	30	100	<LOQ
Captan	5.470	6.1200E+0	30	700	<LOQ	methyl-Parathion	5.470	1.7100E+0	10	100	<LOQ
Carbaryl	5.470	2.2000E-2	10	500	<LOQ	Mevinphos	5.470	2.1500E+0	10	100	<LOQ
Carbofuran	5.470	3.4000E-2	10	100	<LOQ	Myclobutanil	5.470	1.0290E+0	30	100	<LOQ
Chlorantraniliprole	5.470	3.3000E-2	10	1000	<LOQ	Naled	5.470	9.5000E-2	30	250	<LOQ
Chlordane	5.470	1.0000E+1	10	100	<LOQ	Oxamyl	5.470	2.5000E-2	30	500	<LOQ
Chlorfenapyr	5.470	8.0000E-2	30	100	<LOQ	Pacllobutrazol	5.470	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	5.470	1.0800E-1	10	1000	<LOQ	Pentachloronitrobenzene	5.470	1.3200E+0	10	150	<LOQ
Chlorpyrifos	5.470	3.5000E-2	30	100	<LOQ	Permethrin	5.470	3.4300E-1	30	100	<LOQ
Clofentezine	5.470	1.1900E-1	30	200	<LOQ	Phosmet	5.470	8.2000E-2	30	100	<LOQ
Coumaphos	5.470	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	5.470	2.9000E-2	30	3000	<LOQ
Cyfluthrin	5.470	3.1100E+0	30	500	<LOQ	Prallethrin	5.470	7.9800E-1	30	100	<LOQ
Cypermethrin	5.470	1.4490E+0	30	500	<LOQ	Propiconazole	5.470	7.0000E-2	30	100	<LOQ
Daminozide	5.470	8.8500E-1	30	100	<LOQ	Propoxur	5.470	4.6000E-2	30	100	<LOQ
Diazinon	5.470	4.4000E-2	30	100	<LOQ	Pyrethrins	5.470	2.3593E+1	30	500	<LOQ
Dichlorvos	5.470	2.1820E+0	30	100	<LOQ	Pyridaben	5.470	3.2000E-2	30	200	<LOQ
Dimethoate	5.470	2.1000E-2	30	100	<LOQ	Spinetoram	5.470	8.0000E-2	10	200	<LOQ
Dimethomorph	5.470	5.8300E+0	48	200	<LOQ	Spinosad	5.470	8.8000E-2	30	100	<LOQ
Ethoprophos	5.470	3.6000E-1	30	100	<LOQ	Spiromesifen	5.470	2.6100E-1	30	100	<LOQ
Etofenprox	5.470	1.1600E-1	30	100	<LOQ	Spirotetramat	5.470	8.9000E-2	30	100	<LOQ
Etoxazole	5.470	9.5000E-2	30	100	<LOQ	Spiroxamine	5.470	1.3100E-1	30	100	<LOQ
Fenhexamid	5.470	5.1000E-1	10	100	<LOQ	Tebuconazole	5.470	6.7000E-2	30	100	<LOQ
Fenoxycarb	5.470	1.0700E-1	30	100	<LOQ	Thiacloprid	5.470	6.4000E-2	30	100	<LOQ
Fenpyroximate	5.470	1.3800E-1	30	100	<LOQ	Thiamethoxam	5.470	5.0000E-2	30	500	<LOQ
Fipronil	5.470	1.0700E-1	30	100	<LOQ	Trifloxystrobin	5.470	3.7000E-2	30	100	<LOQ
Flonicamid	5.470	5.1700E-1	30	100	<LOQ						

Sample Prepared By: 1225 Date: 2022-08-11 00:52:39 Sample Analyzed By: 1225 Date: 2022-08-11 19:52:40
Batch Reviewed By: 1222 Date: 2022-08-11 19:49:52 Lab Batch #: AADF703-191 Date: 2022-08-11 19:49:52

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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 Cultivars: E85
 Test Reg State: Florida

Cultivation Facility: Cookies Deland B3
 Cultivation Date: 0000-00-00
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 Production Date: 2022-08-09

Order # CO0220809-130001
 Order Date: 2022-08-09
 Sample # AADF703

Sampling Date: 2022-08-09
 Lab Batch Date: 2022-08-09
 Completion Date: 2022-08-11

Initial Gross Weight: 77.200 g
 Net Weight: 31.600 g

Number of Units: 9
 Net Weight per Unit: 3511.111 mg

Terpenes Specimen Weight: 194.530 mg **Tested** SOP13.023 (GC/GCMS) **Pathogenic SAE (qPCR)** Specimen Weight: 265.100 mg **Passed** SOP13.010 (qPCR)

Dilution Factor: 30.000					Dilution Factor: 30.000				
Analyte	Dilution (1:n)	LOQ (%)	Result (mg/g)	(%)	Analyte	Dilution (1:n)	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	30.000	0.002	9.279	0.928	Total Terpeneol	30.000	0.00126	<LOQ	
(R)-(+)-Limonene	30.000	0.002	6.267	0.627	trans-Nerolidol	30.000	0.002	<LOQ	
Borneol	30.000	0.004	2.520	0.252	Isopulegol	30.000	0.002	<LOQ	
Farnesene	30.000	0.002	2.389	0.239	Isoborneol	30.000	0.002	<LOQ	
alpha-Humulene	30.000	0.002	1.948	0.195	(+)-Cedrol	30.000	0.002	<LOQ	
Linalool	30.000	0.002	1.791	0.179	Guaiol	30.000	0.002	<LOQ	
alpha-Bisabolol	30.000	0.002	1.249	0.125	Geranyl acetate	30.000	0.002	<LOQ	
beta-Pinene	30.000	0.002	1.082	0.108	Geraniol	30.000	0.002	<LOQ	
alpha-Pinene	30.000	0.002	1.082	0.108	Gamma-Terpinene	30.000	0.002	<LOQ	
Fenchyl Alcohol	30.000	0.002	1.052	0.105	Eucalyptol	30.000	0.002	<LOQ	
beta-Myrcene	30.000	0.002	0.582	0.058	cis-Nerolidol	30.000	0.002	<LOQ	
Fenchone	30.000	0.002	0.222	0.022	Caryophyllene oxide	30.000	0.002	<LOQ	
Ocimene	30.000	0.00033	0.120	0.012	Camphors	30.000	0.006	<LOQ	
Hexahydrothymol	30.000	0.002	<LOQ		Camphene	30.000	0.002	<LOQ	
Sabinene Hydrate	30.000	0.002	<LOQ		alpha-Terpinene	30.000	0.002	<LOQ	
Sabinene	30.000	0.002	<LOQ		alpha-Phellandrene	30.000	0.002	<LOQ	
Pulegone	30.000	0.002	<LOQ		alpha-Cedrene	30.000	0.002	<LOQ	
Nerol	30.000	0.002	<LOQ		3-Carene	30.000	0.002	<LOQ	
Terpinolene	30.000	0.002	<LOQ		Valencene	30.000	0.002	<LOQ	

Dilution Factor: 1.000					
Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

Sample Prepared By: 1161 Date: 2022-08-11 14:39:35 Sample Analyzed By: 1161 Date: 2022-08-11 09:39:36
 Batch Reviewed By: 1179 Date: 2022-08-11 18:48:58 Lab Batch #: AADF703-89 Date: 2022-08-11 18:48:58

Sample Prepared By: 1035 Date: 2022-08-10 17:59:33 Sample Analyzed By: 1035 Date: 2022-08-10 12:59:33
 Batch Reviewed By: 1155 Date: 2022-08-11 14:15:16 Lab Batch #: AADF703-175 Date: 2022-08-11 14:15:16

Total Terpenes: 2.958%

Filth and Foreign Material Net Weight: 31.600 g **Passed** SOP13.020 (Visual/Microscope)

Dilution Factor: 1.000					
Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

Sample Prepared By: 1145 Date: 2022-08-10 00:28:34 Sample Analyzed By: 1145 Date: 2022-08-10 19:28:34
 Batch Reviewed By: 1145 Date: 2022-08-09 19:28:53 Lab Batch #: AADF703-177 Date: 2022-08-09 19:28:53

Mycotoxins Specimen Weight: 274.000 mg **Passed** SOP13.007 (LCMS)

Dilution Factor: 5.470					Dilution Factor: 5.470						
Analyte	Dilution (1:n)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	Dilution (1:n)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	5.470	3.0400E-1	6	20	<LOQ	Aflatoxin G2	5.470	2.7100E-1	6	20	<LOQ
Aflatoxin B2	5.470	7.7000E-2	6	20	<LOQ	Ochratoxin A	5.470	7.5400E-1	12	20	<LOQ
Aflatoxin G1	5.470	3.0400E-1	6	20	<LOQ						

Sample Prepared By: 1225 Date: 2022-08-11 00:52:39 Sample Analyzed By: 1225 Date: 2022-08-11 19:52:40
 Batch Reviewed By: 1222 Date: 2022-08-11 19:49:52 Lab Batch #: AADF703-165 Date: 2022-08-11 19:49:52

Moisture Net Weight: 31.600 g **Passed** SOP13.015 (Moisture Meter)

Dilution Factor: 1.000					
Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Moisture	15	12.680			

Sample Prepared By: 1145 Date: 2022-08-10 23:35:17 Sample Analyzed By: 1145 Date: 2022-08-10 18:35:17
 Batch Reviewed By: 1145 Date: 2022-08-10 18:37:29 Lab Batch #: AADF703-10 Date: 2022-08-10 18:37:29

Total Contaminant Load **Passed**

Panel	Action Level (ppm)	Result (ppm)
Heavy Metals, Pesticides	5	0.000

Xueli Gao Lab Toxicologist
 Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
 D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Initial Gross Weight: 77.200 g
Net Weight: 31.600 g

Number of Units: 9
Net Weight per Unit: 3511.111 mg

Heavy Metals

Specimen Weight: 246.110 mg

Dilution Factor: 203

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<LOQ	Lead (Pb)	.58	100	500	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	11.76	100	200	<LOQ

Sample Prepared By: 1216 Date: 2022-08-11 00:17:55 Sample Analyzed By: 1216 Date: 2022-08-11 19:17:55
Batch Reviewed By: 1216 Date: 2022-08-11 11:47:41 Lab Batch #: AADF703-4 Date: 2022-08-11 11:47:41

Passed
SOP13.048 (ICP-MS)

Water Activity

Net Weight: 31.600 g

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.65	0.529

Sample Prepared By: 1145 Date: 2022-08-10 23:54:21 Sample Analyzed By: 1145 Date: 2022-08-10 18:54:21
Batch Reviewed By: 1145 Date: 2022-08-10 18:57:49 Lab Batch #: AADF703-11 Date: 2022-08-10 18:57:49

Passed
SOP13.016
(Water Activity Analyzer)

Total Yeast and Mold

Specimen Weight: 10035.290 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	Not Detected	Not Detected

Sample Prepared By: 1179 Date: 2022-08-10 17:09:32 Sample Analyzed By: 1179 Date: 2022-08-10 12:09:32
Batch Reviewed By: 1161 Date: 2022-08-11 08:52:28 Lab Batch #: AADF703-218 Date: 2022-08-11 08:52:28

Passed
SOP13.017 (qPCR)

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Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents present above the LOQ, but below the Acceptable Limit.

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