

Certificate of Analysis

R&D

Batch # D8-01
Batch Date: 2022-02-01

Test Reg State: Oregon

Order Date: 2022-02-03
Sample # AACL105

Sampling Date: 2022-02-15
Lab Batch Date: 2022-02-15
Completion Date: 2022-02-19

Initial Gross Weight: 6.875 g



Product Image

- Potency Tested**
- Terpenes Tested**
- Heavy Metals Passed**
- 2,3-Butanedione Passed**
- Mycotoxins Passed**
- Pesticides Passed**
- Residual Solvents Passed**
- Listeria Monocytogenes Passed**
- Pathogenic Passed**
- Vitamin E Tested**

Delta 8/Delta 10 Potency 12

Specimen Weight: 53.120 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	740.900	74.090
CBN	0.000014	0.001	3.952	0.395
CBC	0.000018	0.001	3.821	0.382
Delta-10 THC	0.000003	0.001	<LOQ	<LOQ
CBGA	0.00008	0.001	<LOQ	<LOQ
Delta-9 THC	0.000013	0.001	<LOQ	<LOQ
THCA-A	0.000032	0.001	<LOQ	<LOQ
CBD	0.000054	0.001	<LOQ	<LOQ
CBG	0.000248	0.001	<LOQ	<LOQ
CBDV	0.000065	0.001	<LOQ	<LOQ
CBDA	0.00001	0.001	<LOQ	<LOQ
THCV	0.000007	0.001	<LOQ	<LOQ

Tested
(LCUV)

Potency Summary

Total Delta 8 74.090%	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN 0.395%
Other Cannabinoids 0.382%	Total Cannabinoids 74.867%

Terpenes Summary

Analyte	Result (mg/g)	(%)
Total Terpenes: 0.000%		

Detailed Terpenes Analysis is on the following page

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CLIA No. 10D1094068

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Terpenes

Specimen Weight: 55.300 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(+)-Cedrol	0.002	<LOQ	<LOQ	(R)-(+)-Limonene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	beta-Myrcene	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Guaiol	0.002	<LOQ	<LOQ	alpha-Bisabolol	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	alpha-Pinene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Total Terpineol	0.001	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
trans-Nerolidol	0.002	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 0.000%



Mycotoxins

Specimen Weight: 162.790 mg

Passed
(LCMS)



Heavy Metals

Specimen Weight: 253.350 mg

Passed
(ICP-MS)

Dilution Factor: 9.214

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ	Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ	Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ
Aflatoxin G1	6	20	<LOQ												

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Certificate of Analysis

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Batch Date: 2022-02-01

Test Reg State: Oregon

Order Date: 2022-02-03
Sample # AA0105

Sampling Date: 2022-02-15
Lab Batch Date: 2022-02-15
Completion Date: 2022-02-19

Initial Gross Weight: 6.875 g



Pesticides

Specimen Weight: 162.790 mg

Dilution Factor: 9.214

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Imazalil	30	100	<LOQ
Acephate	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Acetamiprid	30	3000	<LOQ	Malathion	30	2000	<LOQ
Aldicarb	30	100	<LOQ	Metaxyl	10	3000	<LOQ
Azoxystrobin	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Bifenazate	30	3000	<LOQ	Methomyl	30	100	<LOQ
Bifenthrin	30	500	<LOQ	Mevinphos	30	100	<LOQ
Carbaryl	10	500	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorfenapyr	48	100	<LOQ	Naled	30	500	<LOQ
Chlorpyrifos	30	100	<LOQ	Oxamyl	30	500	<LOQ
Clofentazine	30	500	<LOQ	Pachlobutrazol	30	100	<LOQ
Coumaphos	30	100	<LOQ	Parathion-methyl	48	100	<LOQ
Cyfluthrin	30	1000	<LOQ	Pentachloronitrobenzene	30	200	<LOQ
Cypermethrin	30	1000	<LOQ	Permethrin	30	1000	<LOQ
Daminozide	30	100	<LOQ	Phosmet	30	200	<LOQ
Diazinon	30	200	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Dichlorvos	30	100	<LOQ	Prallethrin	30	400	<LOQ
Dimethoate	30	100	<LOQ	Propiconazole	30	1000	<LOQ
Dimethomorph	30	3000	<LOQ	Propoxur	30	100	<LOQ
Ethoprophos	30	100	<LOQ	Pyrethrins	30	1000	<LOQ
Etofenprox	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spinetoram	30	3000	<LOQ
Fenhexamid	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Fenpyroximate	30	2000	<LOQ	Spiroxamine	30	100	<LOQ
Fipronil	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Flonicamid	30	2000	<LOQ	Thiadoprid	30	100	<LOQ
Fludioxonil	30	3000	<LOQ	Thiamethoxam	30	1000	<LOQ
Hexythiazox	30	2000	<LOQ	Trifloxystrobin	30	3000	<LOQ

Passed (LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 8.500 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	<LOQ	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

Passed (GCMS)



Listeria Monocytogenes

Specimen Weight: 1003.000 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Passed (qPCR)



Vitamin E (Tocopheryl Acetate)

Specimen Weight: 162.790 mg

Dilution Factor: 9.214

Analyte	Result (ppb)
Vitamin E Acetate	<LOQ

Tested (LC-MS)



2,3-butanedione(Diacetyl)

Specimen Weight: 8.500 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	<LOQ

Passed (GCMS)



Pathogenic SAE (qPCR)

Specimen Weight: 220.500 mg

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

Passed (qPCR)

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