



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

Denex
15373 E Hinsdale Cir
Centennial, CO 80112

Batch # 0100057
Batch Date: 2021-11-18
Extracted From: Hemp

Test Reg State: Colorado

Order # HAU211118-050001
Order Date: 2021-11-18
Sample # AACE546

Sampling Date: 2021-12-01
Lab Batch Date: 2021-12-01
Completion Date: 2021-12-07

Initial Gross Weight: 71.567 g



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Pathogenic
Passed

Microbiology
Petrifilm
Passed



Potency - 11

Specimen Weight: 51.210 mg

Tested
(HPLC/LCMS)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	994.800	99.480
CBDV	1000.000	0.000065	0.001	4.120	0.412
CBC	1000.000	0.000018	0.001		<LOQ
THCV	1000.000	0.000007	0.001		<LOQ
Delta-9 THC	1000.000	0.000013	0.001		<LOQ
Delta-8 THC	1000.000	0.000026	0.001		<LOQ
CBN	1000.000	0.000014	0.001		<LOQ
CBGA	1000.000	0.000008	0.001		<LOQ
CBG	1000.000	0.000248	0.001		<LOQ
CBDA	1000.000	0.00001	0.001		<LOQ
THCA-A	1000.000	0.000032	0.001		<LOQ

Potency Summary

Total THC None Detected	Total CBD 99.480%
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.412%	Total Cannabinoids 99.892%

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Heavy Metals - CO

Specimen Weight: 246.300 mg

Dilution Factor: 2.000

Passed
(ICP-MS)

Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	1500	<LOQ

Mycotoxins - CO

Specimen Weight: 195.200 mg

Dilution Factor: 7.684

Passed
(LCMS)

Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Aflatoxin B1	2.5	5	<LOQ	Aflatoxin Total	2.5	20	<LOQ
Ochratoxin A	3.5	5	<LOQ				

*Aflatoxin Total = B1 + B2 + G1 + G2

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Lab Toxicologist

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Lab Director/Principal Scientist



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Initial Gross Weight: 71.567 g

Pesticides - CO (Limited) **Passed**
(LCMS/GCMS)
Specimen Weight: 195.200 mg
Dilution Factor: 7.684

Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Abamectin	9.1	250	<LOQ	Acephate	9.6	50	<LOQ
Acequinocyl	9.6	na	<LOQ	Acetamiprid	9.6	50	<LOQ
Aldicarb	9.6	500	<LOQ	Azoxystrobin	9.6	10	<LOQ
Bifenazate	9.6	10	<LOQ	Bifenthrin	9.6	na	<LOQ
Boscalid	9.6	10	<LOQ	Carbaryl	9.6	25	<LOQ
Carbofuran	9.6	10	<LOQ	Chlorantraniliprole	9.6	na	<LOQ
Chlorphenapyr	30	1500	<LOQ	Chlorpyrifos	9.6	500	<LOQ
Clofentazine	9.6	10	<LOQ	Cyfluthrin	60	na	<LOQ
Cypermethrin	9.6	na	<LOQ	Daminozide	9.6	na	<LOQ
Diazinon	9.6	na	<LOQ	Dichlorvos	9.6	50	<LOQ
Dimethoate	9.6	10	<LOQ	Ethoprophos	9.6	10	<LOQ
Etofenprox	9.6	na	<LOQ	Etoxazole	9.6	na	<LOQ
Fenoxycarb	9.6	10	<LOQ	Fenpyroximate	9.6	na	<LOQ
Fipronil	9.6	10	<LOQ	Flonicamid	9.6	25	<LOQ
Fludioxonil	9.6	10	<LOQ	Hexythiazox	9.6	na	<LOQ
Imazalil	9.6	10	<LOQ	Imidacloprid	9.6	10	<LOQ
Kresoxim Methyl	9.6	150	<LOQ	Malathion	9.6	10	<LOQ
Metalaxyl	9.6	10	<LOQ	Methiocarb	9.6	10	<LOQ
Methomyl	9.6	25	<LOQ	methyl-Parathion	30	na	<LOQ
MGK-264	9.6	na	<LOQ	Myclobutanil	9.6	10	<LOQ
Naled	9.6	na	<LOQ	Oxamyl	9.6	1500	<LOQ
Paclotrazol	9.6	10	<LOQ	Permethrin	9.6	na	<LOQ
Phosmet	9.6	na	<LOQ	Piperonylbutoxide	9.6	1250	<LOQ
Prallethrin	9.6	na	<LOQ	Propiconazole	9.6	na	<LOQ
Propoxur	9.6	10	<LOQ	Pyrethrins	5.3	na	<LOQ
Pyridaben	9.6	20	<LOQ	Spinosad	9.29	10	<LOQ
Spiromesifen	9.6	na	<LOQ	Spirotetramat	9.6	10	<LOQ
Spiroxamine	9.6	na	<LOQ	Tebuconazole	9.6	10	<LOQ
Thiacloprid	9.6	10	<LOQ	Thiamethoxam	9.6	10	<LOQ
Trifloxystrobin	9.6	10	<LOQ				

* Not Available or Established

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Residual Solvents - CO **Passed**
(GCMS)

Specimen Weight: 107.000 mg
Dilution Factor: 50.000

Analyte	LOQ (ppm)	Action Limit (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Limit (ppm)	Result (ppm)
Acetone	2.08	1000	<LOQ	Benzene	0.02	2	<LOQ
Butanes	2.5	1000	<LOQ	Ethanol	2.78	1000	<LOQ
Ethyl Acetate	1.11	1000	<LOQ	Heptane	1.39	1000	<LOQ
Hexane	1.17	60	<LOQ	Isopropyl alcohol	1.39	1000	<LOQ
Methanol	0.69	600	<LOQ	Pentane	2.08	1000	206.349
Propane	5.83	1000	<LOQ	Toluene	2.92	180	<LOQ
Total Xylenes	2.92	430	<LOQ				

Pathogenic SAE (qPCR) - CO **Passed**
(qPCR)

Specimen Weight: 224.200 mg
Dilution Factor: 1.000

Analyte	Action Limit (cfu/g)	Result (cfu/g)	Analyte	Action Limit (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	25	Absence in 25g
			STEC	25	Absence in 25g

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Microbiology (Petrifilm/Plating) - CO

Specimen Weight: 992.800 mg

Dilution Factor: 1000.000

Passed
(Petrifilm)

Analyte	LOQ (cfu/g)	Action Limit (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Limit (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	10000	<10	Total Coliform	10	100	<10
Yeast/Mold	10	1000	<10				

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