



D8Co Cartridge
Sample Matrix:
CBD/HEMP
Derivative Products
(Inhalation - Heated)



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

Certificate of Analysis

Compliance Test

D8 Co
1624 Market St.
Denver, CO 80202

Batch # Gushers x Runtz D8 Cartridge
Batch Date: 2021-02-26
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Oregon

Production Facility: D8Co
Production Date: 2021-02-26

Order # KIN210302-080049
Order Date: 2021-03-02
Sample # AAB054

Sampling Date: 2021-03-03
Lab Batch Date: 2021-03-03
Completion Date: 2021-03-09

Initial Gross Weight: 8.607 g

Net Weight per Unit: 1000.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

2-3-Butanedione
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual
Solvents
Passed

Listeria
Monocytogenes
Passed

Pathogenic
Passed

Vitamin E
Passed



Potency - 11

Specimen Weight: 60.420 mg

Tested
(HPLC/LCMS)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	834.500	83.450
CBN	10.000	0.000014	0.001	0.607	0.061
CBC	10.000	0.000018	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
CBD	10.000	0.000054	0.001		<LOQ
Delta-9 THC	10.000	0.000013	0.001		<LOQ
CBGA	10.000	0.00008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.00001	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ

Potency Summary

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN 0.061% 0.607mg
Other Cannabinoids 83.450%	Total Cannabinoids 83.511% 835.107mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Ailixia Sun
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Lab Director/Principal Scientist



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Order # KIN210302-080049 Order Date: 2021-03-02 Sample # AAB054	Sampling Date: 2021-03-03 Lab Batch Date: 2021-03-03 Completion Date: 2021-03-09	Initial Gross Weight: 8.607 g	Net Weight per Unit: 1000.000 mg

H Heavy Metals **Passed**
(ICP-MS)
Specimen Weight: 146.350 mg
Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ
Total Contaminant Load (TCL) None Detected							

2,3-butanedione(Diacetyl) **Passed**
(GCMS)
Specimen Weight: N/A Dilution Factor: 1.000

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

Mycotoxins **Passed**
(LCMS)
Specimen Weight: 33.700 mg
Dilution Factor: 44.510

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

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Compliance Test

D8 Co **Batch #** Gushers x Runtz D8 Cartridge **Sampling Method:** MSP 7.3.1 **Test Reg** **Production Facility:** D8Co
1624 Market St. **Batch Date:** 2021-02-26 **State:** Oregon **Production Date:** 2021-02-26
Denver, CO 80202 **Extracted From:** Hemp

Order # KIN210302-080049 **Sampling Date:** 2021-03-03 **Initial Gross Weight:** 8.607 g **Net Weight per Unit:** 1000.000 mg
Order Date: 2021-03-02 **Lab Batch Date:** 2021-03-03
Sample # AABB054 **Completion Date:** 2021-03-09

Pesticides **Passed**
Specimen Weight: 33.700 mg (LCMS/GCMS)
Dilution Factor: 44.510

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentazine	30	500	<LOQ
Coumaphos	30	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flocicamid	30	2000	<LOQ
Fludioxonil	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metalaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Paclobotrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Spirotetramat	30	3000	<LOQ	Spiroxamine	30	100	<LOQ
Tebuconazole	30	1000	<LOQ	Thiacloprid	30	100	<LOQ
Thiamethoxam	30	1000	<LOQ	Trifloxystrobin	30	3000	<LOQ
Total Contaminant Load (TCL)	None Detected						

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Order # KIN210302-080049 Order Date: 2021-03-02 Sample # AAB054	Sampling Date: 2021-03-03 Lab Batch Date: 2021-03-03 Completion Date: 2021-03-09	Initial Gross Weight: 8.607 g	Net Weight per Unit: 1000.000 mg	

Residual Solvents - FL (CBD) **Passed**
(GCMS)

Specimen Weight: 9.500 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	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

Listeria Monocytogenes **Passed**
(qPCR)

Specimen Weight: 78.000 mg
Dilution Factor: 1.000

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

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Order # KIN210302-080049 Order Date: 2021-03-02 Sample # AABBO54	Sampling Date: 2021-03-03 Lab Batch Date: 2021-03-03 Completion Date: 2021-03-09	Initial Gross Weight: 8.607 g	Net Weight per Unit: 1000.000 mg

Pathogenic SAE (qPCR) **Passed**
(qPCR)
Specimen Weight: 246.170 mg
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	E.Coli	1	Absence in 1g
			Salmonella	1	Absence in 1g

Vitamin E (Tocopheryl Acetate) **Passed**
(LC-MS)
Specimen Weight: N/A

Analyte	LOQ (ppb)	Result (ppb)
Vitamin E Acetate	10	<LOQ

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