



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

Certificate of Analysis

Compliance Test

Verma
500 Ala Moana Boulevard Suite
7400
Honolulu, Hawaii 96813

Batch # VFS500PC
Batch Date: 2021-10-27
Extracted From: CBD
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Order # VER211027-010001
Order Date: 2021-10-27
Sample # AACCC646

Sampling Date: 2021-11-03
Lab Batch Date: 2021-11-03
Completion Date: 2021-11-07

Initial Gross Weight: 94.395 g
Net Weight: 60.725 g

Number of Units: 1
Net Weight per Unit: 60725.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual
Solvents
Passed

Pathogenic
Microbiology
Passed

Listeria
Monocytogenes
Passed



Potency - 11

Specimen Weight: 1512.000 mg

Tested
(HPLC/LCMS)

Potency Summary

Pieces For Panel: 20

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	8.970	0.897
Delta-9 THC	1000.000	0.000013	0.001	0.950	0.095
CBG	1000.000	0.000248	0.001	0.530	0.053
CBN	1000.000	0.000014	0.001	0.240	0.024
CBDV	1000.000	0.000065	0.001	0.020	0.002
CBC	1000.000	0.000018	0.001	0.010	0.001
THCV	1000.000	0.000007	0.001		<LOQ
Delta-8 THC	1000.000	0.000026	0.001		<LOQ
CBGA	1000.000	0.00008	0.001		<LOQ
CBDA	1000.000	0.00001	0.001		<LOQ
THCA-A	1000.000	0.000032	0.001		<LOQ

0.095%	Total THC	57.689mg	0.897%	Total CBD	544.703mg
0.053%	Total CBG	32.184mg	0.024%	Total CBN	14.574mg
0.003%	Other Cannabinoids	1.822mg	1.072%	Total Cannabinoids	650.972mg

Sample Prepared By: 1182 Date: 2021-11-05 00:05:47 Sample Analyzed By: 1199 Date: 2021-11-04 15:34:07
Batch Reviewed By: 1150 Date: 2021-11-05 16:34:25 Lab Batch #: AACCC646-174 Date: 2021-11-05 16:34:25

Xueli Gao
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Lab Director/Principal Scientist



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Order Date: 2021-10-27
Sample # AACC646

Sampling Date: 2021-11-03
Lab Batch Date: 2021-11-03
Completion Date: 2021-11-07

Initial Gross Weight: 94.395 g
Net Weight: 60.725 g

Number of Units: 1
Net Weight per Unit: 60725.000 mg

Heavy Metals

Specimen Weight: 245.600 mg

Passed
(ICP-MS)

Pieces For Panel: 20 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

Sample Prepared By: 1145 Date: 2021-11-03 20:23:17 Sample Analyzed By: 1146 Date: 2021-11-03 15:23:18
Batch Reviewed By: 1146 Date: 2021-11-05 06:39:44 Lab Batch #: AACC646-164 Date: 2021-11-05 06:39:44

Mycotoxins

Specimen Weight: 154.400 mg

Passed
(LCMS)

Pieces For Panel: 20 Dilution Factor: 9.715

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				

Sample Prepared By: 1170 Date: 2021-11-04 16:16:18 Sample Analyzed By: 1170 Date: 2021-11-04 11:16:18
Batch Reviewed By: 1183 Date: 2021-11-06 13:06:27 Lab Batch #: AACC646-165 Date: 2021-11-06 13:06:27

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Batch # VFS500PC
Batch Date: 2021-10-27
Extracted From: CBD
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Order # VER211027-010001
Order Date: 2021-10-27
Sample # AACC646

Sampling Date: 2021-11-03
Lab Batch Date: 2021-11-03
Completion Date: 2021-11-07

Initial Gross Weight: 94.395 g
Net Weight: 60.725 g

Number of Units: 1
Net Weight per Unit: 60725.000 mg

Pesticides FL V4
Specimen Weight: 154.400 mg

Passed
(LCMS/GCMS)

Pieces For Panel: 20 Dilution Factor: 9.715

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
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chloromequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	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	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	48	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	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclbutrazol	30	100	<LOQ	Pentachloronitrobenzene	10	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	10	3000	<LOQ	Spinosad	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				

Sample Prepared By: 1170 Date: 2021-11-04 16:16:18 Sample Analyzed By: 1170 Date: 2021-11-04 11:16:18
Batch Reviewed By: 1183 Date: 2021-11-06 13:06:28 Lab Batch #: AACC646-202 Date: 2021-11-06 13:06:28

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Order Date: 2021-10-27
Sample # AACC646

Sampling Date: 2021-11-03
Lab Batch Date: 2021-11-03
Completion Date: 2021-11-07

Initial Gross Weight: 94.395 g
Net Weight: 60.725 g

Number of Units: 1
Net Weight per Unit: 60725.000 mg

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

Specimen Weight: 106.200 mg

Pieces For Panel: 20 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	Passed
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	Passed
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				

Sample Prepared By: 1051 Date: 2021-11-03 23:05:00 Sample Analyzed By: 1051 Date: 2021-11-03 18:05:00
Batch Reviewed By: 1155 Date: 2021-11-07 11:27:55 Lab Batch #: AACC646-183 Date: 2021-11-07 11:27:55

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Completion Date: 2021-11-07

Initial Gross Weight: 94.395 g
Net Weight: 60.725 g

Number of Units: 1
Net Weight per Unit: 60725.000 mg

Pathogenic Microbiology SAE (MicroArray) Passed (Micro Array)

Specimen Weight: 1019.320 mg

Pieces For Panel: 20 Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

Sample Prepared By: 1179 Date: 2021-11-04 20:32:29 Sample Analyzed By: 1088 Date: 2021-11-05 15:32:29
Batch Reviewed By: 1088 Date: 2021-11-05 15:32:56 Lab Batch #: AACC646-13 Date: 2021-11-05 15:32:56

Listeria Monocytogenes Passed (qPCR)

Specimen Weight: 1022.800 mg

Pieces For Panel: 20 Dilution Factor: 1.000

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

Sample Prepared By: 1088 Date: 2021-11-05 16:38:40 Sample Analyzed By: 1088 Date: 2021-11-05 11:38:40
Batch Reviewed By: 1088 Date: 2021-11-06 10:39:05 Lab Batch #: AACC646-186 Date: 2021-11-06 10:39:05

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