



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

Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427MA
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG814

Sampling Date: 2021-05-06
Lab Batch Date: 2021-05-06
Completion Date: 2021-05-12

Initial Gross Weight: 19.237 g

Number of Units: 1
Net Weight per Unit: 4809.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Pesticides
Passed

Delta 8/Delta 10 Potency
12

Specimen Weight: 1519.500 mg

Pieces For Panel: 4

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1000.000	0.000026	0.001	6.020	0.602
Delta-10 THC	1000.000	0.000003	0.001		<LOQ
Delta-9 THC	1000.000	0.000013	0.001		<LOQ
CBC	1000.000	0.000018	0.001		<LOQ
CBD	1000.000	0.000054	0.001		<LOQ
THCV	1000.000	0.000007	0.001		<LOQ
THCA-A	1000.000	0.000032	0.001		<LOQ
CBN	1000.000	0.000014	0.001		<LOQ
CBGA	1000.000	0.00008	0.001		<LOQ
CBG	1000.000	0.000248	0.001		<LOQ
CBDV	1000.000	0.000065	0.001		<LOQ
CBDA	1000.000	0.00001	0.001		<LOQ

Tested
(LCUV)

Potency Summary

0.602% Total Delta 8 28.950mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.602% 28.950mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Compliance Test

Medusa Batch # 210427MA Test Reg State: Florida
3798 Pacheco Blvd Batch Date: 2021-04-27
Martinez, CA 94552 Extracted From: hemp

Order # GRO210427-160041 Sampling Date: 2021-05-06 Initial Gross Weight: 19.237 g Number of Units: 1
Order Date: 2021-04-27 Lab Batch Date: 2021-05-06 Net Weight per Unit: 4809.000 mg
Sample # AABG814 Completion Date: 2021-05-12

H Heavy Metals
Specimen Weight: 247.000 mg

Passed
(ICP-MS)

Pieces For Panel: 4 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

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

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



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Compliance Test

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3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427MA
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG814

Sampling Date: 2021-05-06
Lab Batch Date: 2021-05-06
Completion Date: 2021-05-12

Initial Gross Weight: 19.237 g

Number of Units: 1
Net Weight per Unit: 4809.000 mg

Pesticides FL V4 **Passed**
(LCMS/GCMS)
Specimen Weight: 158.000 mg

Pieces For Panel: 4 Dilution Factor: 9.494

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
Pacllobutrazol	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				

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

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



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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210301BB
Batch Date: 2021-03-01
Extracted From: Hemp

Test Reg State: Florida

Order # GRO210322-060009
Order Date: 2021-03-22
Sample # AABC941

Sampling Date: 2021-03-24
Lab Batch Date: 2021-03-24
Completion Date: 2021-03-30

Initial Gross Weight: 24.017 g

Number of Units: 1
Net Weight per Unit: 4564.000 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency
12

Specimen Weight: 1535.500 mg

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	6.060	0.606
Delta-9 THC	10.000	0.000013	0.001		<LOQ
CBC	10.000	0.000018	0.001		<LOQ
CBD	10.000	0.000054	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.000001	0.001		<LOQ
Delta-10 THC	10.000	0.000003	0.001		<LOQ

Tested
(LCUV)

Potency Summary

Total Delta 8 per Gummy 0.606% 27.658mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.606% 27.658mg	Total Cannabinoids 0.606% 27.658mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Certificate of Analysis

Compliance Test

Medusa
 3798 Pacheco Blvd
 Martinez, CA 94552

Batch # 210422LL
 Batch Date: 2021-04-22
 Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
 Order Date: 2021-04-27
 Sample # AABG808

Sampling Date: 2021-04-30
 Lab Batch Date: 2021-04-30
 Completion Date: 2021-05-07

Initial Gross Weight: 20.341 g
 Net Weight: 18.795 g

Number of Units: 1
 Net Weight per Unit: 4698.750 mg



Product Image

Potency
 Tested

Heavy Metals
 Passed

Pesticides
 Passed



Delta 8/Delta 10 Potency

12

Specimen Weight: 1540.400 mg

Pieces For Panel: 4

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	5.909	0.591
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ

Tested
 (LCUV)



Potency Summary

0.591% Total Delta 8 27.765mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.591% 27.765mg

Xueli Gao
 Ph.D., DABT
 Lab Toxicologist

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



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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210422LL
Batch Date: 2021-04-22
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG808

Sampling Date: 2021-04-30
Lab Batch Date: 2021-04-30
Completion Date: 2021-05-07

Initial Gross Weight: 20.341 g
Net Weight: 18.795 g

Number of Units: 1
Net Weight per Unit: 4698.750 mg

H Heavy Metals
Specimen Weight: 249.620 mg

Passed
(ICP-MS)

Pieces For Panel: 4 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

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

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



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Certificate of Analysis

Compliance Test

Medusa Batch # 210422LL Test Reg State: Florida
3798 Pacheco Blvd Batch Date: 2021-04-22
Martinez, CA 94552 Extracted From: hemp

Order # GRO210427-160041 Sampling Date: 2021-04-30 Initial Gross Weight: 20.341 g Number of Units: 1
Order Date: 2021-04-27 Lab Batch Date: 2021-04-30 Net Weight: 18.795 g Net Weight per Unit: 4698.750 mg
Sample # AABG808 Completion Date: 2021-05-07

Pesticides FL V4
Specimen Weight: 170.700 mg

Passed
(LCMS/GCMS)

Pieces For Panel: 4 Dilution Factor: 8.787

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	Fonicamid	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
Pacllobutrazol	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				

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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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210301MM
Batch Date: 2021-03-01
Extracted From: Hemp

Test Reg State: Florida

Order # GRO210322-060009
Order Date: 2021-03-22
Sample # AABC940

Sampling Date: 2021-03-24
Lab Batch Date: 2021-03-24
Completion Date: 2021-03-30

Initial Gross Weight: 24.178 g
Net Weight: 22.966 g

Number of Units: 1
Net Weight per Unit: 22966.000 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency
12

Specimen Weight: 1532.600 mg

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	6.377	0.638
Delta-9 THC	10.000	0.000013	0.001		<LOQ
CBC	10.000	0.000018	0.001		<LOQ
CBD	10.000	0.000054	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.000001	0.001		<LOQ
Delta-10 THC	10.000	0.000003	0.001		<LOQ

Tested
(LCUV)

Potency Summary

0.638% Total Delta 8 146.454mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
0.638% Other Cannabinoids 146.454mg	0.638% Total Cannabinoids 146.454mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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, *Measurement of Uncertainty = +/- 5%



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

Certificate of Analysis

Compliance Test

Medusa
 3798 Pacheco Blvd
 Martinez, CA 94552

Batch # 210422LL
 Batch Date: 2021-04-22
 Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
 Order Date: 2021-04-27
 Sample # AABG808

Sampling Date: 2021-04-30
 Lab Batch Date: 2021-04-30
 Completion Date: 2021-05-07

Initial Gross Weight: 20.341 g
 Net Weight: 18.795 g

Number of Units: 1
 Net Weight per Unit: 4698.750 mg



Product Image

Potency
 Tested

Heavy Metals
 Passed

Pesticides
 Passed

Delta 8/Delta 10 Potency
12

Specimen Weight: 1540.400 mg

Pieces For Panel: 4

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	5.909	0.591
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ

Tested
 (LCUV)

Potency Summary

0.591% Total Delta 8 27.765mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.591% 27.765mg

Xueli Gao
 Ph.D., DABT
 Lab Toxicologist

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



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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210422LL
Batch Date: 2021-04-22
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG808

Sampling Date: 2021-04-30
Lab Batch Date: 2021-04-30
Completion Date: 2021-05-07

Initial Gross Weight: 20.341 g
Net Weight: 18.795 g

Number of Units: 1
Net Weight per Unit: 4698.750 mg

H Heavy Metals
Specimen Weight: 249.620 mg

Passed
(ICP-MS)

Pieces For Panel: 4 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

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

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



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Certificate of Analysis

Compliance Test

Medusa Batch # 210422LL Test Reg State: Florida
3798 Pacheco Blvd Batch Date: 2021-04-22
Martinez, CA 94552 Extracted From: hemp

Order # GRO210427-160041 Sampling Date: 2021-04-30 Initial Gross Weight: 20.341 g Number of Units: 1
Order Date: 2021-04-27 Lab Batch Date: 2021-04-30 Net Weight: 18.795 g Net Weight per Unit: 4698.750 mg
Sample # AABG808 Completion Date: 2021-05-07

Pesticides FL V4 Specimen Weight: 170.700 mg **Passed**
(LCMS/GCMS)

Pieces For Panel: 4 Dilution Factor: 8.787

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	Fonicamid	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
Pacllobutrazol	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				

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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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, *Measurement of Uncertainty = +/- 5%



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

Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210301MM
Batch Date: 2021-03-01
Extracted From: Hemp

Test Reg State: Florida

Order # GRO210322-060009
Order Date: 2021-03-22
Sample # AABC940

Sampling Date: 2021-03-24
Lab Batch Date: 2021-03-24
Completion Date: 2021-03-30

Initial Gross Weight: 24.178 g
Net Weight: 22.966 g

Number of Units: 1
Net Weight per Unit: 22966.000 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency

Specimen Weight: 1532.600 mg

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	6.377	0.638
Delta-9 THC	10.000	0.000013	0.001		<LOQ
CBC	10.000	0.000018	0.001		<LOQ
CBD	10.000	0.000054	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.000001	0.001		<LOQ
Delta-10 THC	10.000	0.000003	0.001		<LOQ

Tested
(LCUV)

Potency Summary

0.638% Total Delta 8 146.454mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
0.638% Other Cannabinoids 146.454mg	0.638% Total Cannabinoids 146.454mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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CLIA No. 10D1094068

Certificate of Analysis

R&D

MEDUSA DELTA 8
3798 PACHECO BLVD
MARTINEZ, CA 94553

Batch # 101
Batch Date: 2021-12-10
Extracted From: hemp
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Cultivation Date: 0000-00-00
Production Facility: The Grove
Production Date: 2021-12-01

Order # MED211216-030001
Order Date: 2021-12-16
Sample # AACH052

Sampling Date: 2021-12-21
Lab Batch Date: 2021-12-21
Completion Date: 2021-12-24

Initial Gross Weight: 113.000 g
Net Weight: 81.149 g

Number of Units: 1
Net Weight per Unit: 3864.238 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency

12

Specimen Weight: 1503.100 mg

Pieces For Panel: 20

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.001	3.023	0.302
Delta-9 THC	0.000013	0.001	2.782	0.278
Delta-8 THC	0.000026	0.001	0.200	0.020
CBG	0.000248	0.001	0.066	0.007
CBC	0.000018	0.001	0.047	0.005
CBN	0.000014	0.001	0.047	0.005
CBDV	0.000065	0.001	0.016	0.002
THCV	0.000007	0.001	0.024	0.002
Delta-10 THC	0.000003	0.001	<LOQ	
CBGA	0.00008	0.001	<LOQ	
CBDA	0.00001	0.001	<LOQ	
THCA-A	0.000032	0.001	<LOQ	

Sample Prepared By: 1182 Date: 2021-12-24 00:23:15 Sample Analyzed By: 1199 Date: 2021-12-23 15:25:02
Batch Reviewed By: 1184 Date: 2021-12-24 14:12:57 Lab Batch #: AACH052-260 Date: 2021-12-24 14:12:57

Tested
(LCUV)

Potency Summary

0.020%	Total Delta 8	0.773mg	Total Delta 10	None Detected
0.278%	Total THC	10.743mg	Total CBD	11.670mg
0.007%	Total CBG	0.270mg	Total CBN	0.193mg
0.009%	Other Cannabinoids	0.348mg	Total Cannabinoids per Gummy	23.997mg
			0.621%	

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)



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 = THCVA * 0.87, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THC + Total CBC + Total CBDV + Delta10-THC, *Total THC-O-Acetate = Delta 8 THC-O-Acetate + 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

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

Certificate of Analysis

Compliance Test

Medusa
 3798 Pacheco Blvd
 Martinez, CA 94552

Batch # 210427PG
 Batch Date: 2021-04-27
 Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
 Order Date: 2021-04-27
 Sample # AABG813

Sampling Date: 2021-04-30
 Lab Batch Date: 2021-04-30
 Completion Date: 2021-05-07

Initial Gross Weight: 20.543 g
 Net Weight: 19.048 g

Number of Units: 1
 Net Weight per Unit: 4762.000 mg



Product Image

Potency
 Tested

Heavy Metals
 Passed

Pesticides
 Passed

Delta 8/Delta 10 Potency

12

Specimen Weight: 1535.200 mg

Pieces For Panel: 4

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	5.783	0.578
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ

Tested
 (LCUV)

Potency Summary

Total Delta 8 0.578% 27.539mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.578% 27.539mg

Xueli Gao
 Ph.D., DABT
 Lab Toxicologist

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



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FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427PG
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG813

Sampling Date: 2021-04-30
Lab Batch Date: 2021-04-30
Completion Date: 2021-05-07

Initial Gross Weight: 20.543 g
Net Weight: 19.048 g

Number of Units: 1
Net Weight per Unit: 4762.000 mg

H Heavy Metals

Specimen Weight: 254.270 mg

Passed
(ICP-MS)

Pieces For Panel: 4 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

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

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



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CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427PG
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG813

Sampling Date: 2021-04-30
Lab Batch Date: 2021-04-30
Completion Date: 2021-05-07

Initial Gross Weight: 20.543 g
Net Weight: 19.048 g

Number of Units: 1
Net Weight per Unit: 4762.000 mg



Pesticides FL V4
Specimen Weight: 168.900 mg

Passed
(LCMS/GCMS)

Pieces For Panel: 4 Dilution Factor: 8.881

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
Pacllobutrazol	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				

Xueli Gao
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Certificate of Analysis

R&D

MEDUSA DELTA 8
3798 PACHECO BLVD
MARTINEZ, CA 94553

Batch # 102
Batch Date: 2021-12-10
Extracted From: hemp
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Cultivation Date: 0000-00-00
Production Facility: The Grove
Production Date: 2021-12-01

Order # MED211216-030001
Order Date: 2021-12-16
Sample # AACH053

Sampling Date: 2021-12-21
Lab Batch Date: 2021-12-21
Completion Date: 2021-12-28

Initial Gross Weight: 111.200 g
Net Weight: 79.758 g

Number of Units: 1
Net Weight per Unit: 3798.000 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency
12

Specimen Weight: 1525.500 mg

Pieces For Panel: 20

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.001	3.089	0.309
Delta-9 THC	0.000013	0.001	1.151	0.115
Delta-8 THC	0.000026	0.001	0.415	0.041
CBN	0.000014	0.001	0.150	0.015
Delta-10 THC	0.000003	0.001	0.083	0.008
CBG	0.000248	0.001	0.057	0.006
CBC	0.000018	0.001	0.035	0.004
CBDV	0.000065	0.001	0.018	0.002
THCV	0.000007	0.001	<LOQ	
CBGA	0.00008	0.001	<LOQ	
CBDA	0.00001	0.001	<LOQ	
THCA-A	0.000032	0.001	<LOQ	

Sample Prepared By: 1182 Date: 2021-12-24 00:23:15 Sample Analyzed By: 1199 Date: 2021-12-23 15:25:02
Batch Reviewed By: 1150 Date: 2021-12-27 19:30:50 Lab Batch #: AACH053-260 Date: 2021-12-27 19:30:50

Tested
(LCUV)

Potency Summary

0.041% Total Delta 8	1.557mg	0.008% Total Delta 10	0.304mg
0.115% Total THC	4.368mg	0.309% Total CBD	11.736mg
0.006% Total CBG	0.228mg	0.015% Total CBN	0.570mg
0.005% Other Cannabinoids	0.190mg	0.500% Total Cannabinoids	18.990mg

Xueli Gao
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Lab Toxicologist

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



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Certificate of Analysis

R&D

MEDUSA DELTA 8
3798 PACHECO BLVD
MARTINEZ, CA 94553

Batch # 103
Batch Date: 2021-12-10
Extracted From: hemp
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Cultivation Date: 0000-00-00
Production Facility: The Grove
Production Date: 2021-12-01

Order # MED211216-030001
Order Date: 2021-12-16
Sample # AACH054

Sampling Date: 2021-12-21
Lab Batch Date: 2021-12-21
Completion Date: 2021-12-24

Initial Gross Weight: 106.200 g
Net Weight: 74.589 g

Number of Units: 1
Net Weight per Unit: 3729.450 mg



Product Image

Potency
Tested

Delta 8/Delta 10 Potency
12

Specimen Weight: 1512.400 mg

Pieces For Panel: 20

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.001	3.268	0.327
Delta-9 THC	0.000013	0.001	2.583	0.258
Delta-8 THC	0.000026	0.001	0.203	0.020
CBN	0.000014	0.001	0.102	0.010
CBC	0.000018	0.001	0.070	0.007
CBG	0.000248	0.001	0.069	0.007
Delta-10 THC	0.000003	0.001	0.023	0.002
THCV	0.000007	0.001	0.022	0.002
CBDV	0.000065	0.001	0.021	0.002
CBGA	0.00008	0.001	<LOQ	
CBDA	0.00001	0.001	<LOQ	
THCA-A	0.000032	0.001	<LOQ	

Sample Prepared By: 1182 Date: 2021-12-24 00:23:15 Sample Analyzed By: 1199 Date: 2021-12-23 15:25:02
Batch Reviewed By: 1184 Date: 2021-12-24 14:12:57 Lab Batch #: AACH054-260 Date: 2021-12-24 14:12:57

Tested
(LCUV)

Potency Summary

0.020%	Total Delta 8	0.746mg	0.002%	Total Delta 10	0.075mg
0.258%	Total THC	9.622mg	0.327%	Total CBD	12.195mg
0.007%	Total CBG	0.261mg	0.010%	Total CBN	0.373mg
0.011%	Other Cannabinoids	0.410mg	0.636%	Total Cannabinoids per Gummy	23.719mg

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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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427MA
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG814

Sampling Date: 2021-05-06
Lab Batch Date: 2021-05-06
Completion Date: 2021-05-12

Initial Gross Weight: 19.237 g

Number of Units: 1
Net Weight per Unit: 4809.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Pesticides
Passed

Delta 8/Delta 10 Potency
12

Specimen Weight: 1519.500 mg

Pieces For Panel: 4

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1000.000	0.000026	0.001	6.020	0.602
Delta-10 THC	1000.000	0.000003	0.001		<LOQ
Delta-9 THC	1000.000	0.000013	0.001		<LOQ
CBC	1000.000	0.000018	0.001		<LOQ
CBD	1000.000	0.000054	0.001		<LOQ
THCV	1000.000	0.000007	0.001		<LOQ
THCA-A	1000.000	0.000032	0.001		<LOQ
CBN	1000.000	0.000014	0.001		<LOQ
CBGA	1000.000	0.00008	0.001		<LOQ
CBG	1000.000	0.000248	0.001		<LOQ
CBDV	1000.000	0.000065	0.001		<LOQ
CBDA	1000.000	0.00001	0.001		<LOQ

Tested
(LCUV)

Potency Summary

0.602% Total Delta 8 28.950mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.602% 28.950mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427MA
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG814

Sampling Date: 2021-05-06
Lab Batch Date: 2021-05-06
Completion Date: 2021-05-12

Initial Gross Weight: 19.237 g

Number of Units: 1
Net Weight per Unit: 4809.000 mg

H Heavy Metals
Specimen Weight: 247.000 mg

Passed
(ICP-MS)

Pieces For Panel: 4 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

Xueli Gao
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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427MA
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG814

Sampling Date: 2021-05-06
Lab Batch Date: 2021-05-06
Completion Date: 2021-05-12

Initial Gross Weight: 19.237 g

Number of Units: 1
Net Weight per Unit: 4809.000 mg

Pesticides FL V4 **Passed**
(LCMS/GCMS)
Specimen Weight: 158.000 mg

Pieces For Panel: 4 Dilution Factor: 9.494

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	Fonicamid	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
Pacllobutrazol	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				

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



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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, *Measurement of Uncertainty = +/- 5%



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

Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210301BB
Batch Date: 2021-03-01
Extracted From: Hemp

Test Reg State: Florida

Order # GRO210322-060009
Order Date: 2021-03-22
Sample # AABC941

Sampling Date: 2021-03-24
Lab Batch Date: 2021-03-24
Completion Date: 2021-03-30

Initial Gross Weight: 24.017 g

Number of Units: 1
Net Weight per Unit: 4564.000 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency
12

Specimen Weight: 1535.500 mg

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	6.060	0.606
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.000008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.000001	0.001	<LOQ	<LOQ
Delta-10 THC	10.000	0.000003	0.001	<LOQ	<LOQ

Tested
(LCUV)

Potency Summary

Total Delta 8 per Gummy 0.606% 27.658mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.606% 27.658mg	Total Cannabinoids 0.606% 27.658mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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CLIA No. 10D1094068

Certificate of Analysis

R&D

MEDUSA DELTA 8
3798 PACHECO BLVD
MARTINEZ, CA 94553

Batch # 101
Batch Date: 2021-12-10
Extracted From: hemp
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Cultivation Date: 0000-00-00
Production Facility: The Grove
Production Date: 2021-12-01

Order # MED211216-030001
Order Date: 2021-12-16
Sample # AACH052

Sampling Date: 2021-12-21
Lab Batch Date: 2021-12-21
Completion Date: 2021-12-24

Initial Gross Weight: 113.000 g
Net Weight: 81.149 g

Number of Units: 1
Net Weight per Unit: 3864.238 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency

12

Specimen Weight: 1503.100 mg

Pieces For Panel: 20

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.001	3.023	0.302
Delta-9 THC	0.000013	0.001	2.782	0.278
Delta-8 THC	0.000026	0.001	0.200	0.020
CBG	0.000248	0.001	0.066	0.007
CBC	0.000018	0.001	0.047	0.005
CBN	0.000014	0.001	0.047	0.005
CBDV	0.000065	0.001	0.016	0.002
THCV	0.000007	0.001	0.024	0.002
Delta-10 THC	0.000003	0.001	<LOQ	
CBGA	0.00008	0.001	<LOQ	
CBDA	0.00001	0.001	<LOQ	
THCA-A	0.000032	0.001	<LOQ	

Sample Prepared By: 1182 Date: 2021-12-24 00:23:15 Sample Analyzed By: 1199 Date: 2021-12-23 15:25:02
Batch Reviewed By: 1184 Date: 2021-12-24 14:12:57 Lab Batch #: AACH052-260 Date: 2021-12-24 14:12:57

Tested
(LCUV)

Potency Summary

0.020%	Total Delta 8	0.773mg	0.302%	Total Delta 10	None Detected
0.278%	Total THC	10.743mg	0.302%	Total CBD	11.670mg
0.007%	Total CBG	0.270mg	0.005%	Total CBN	0.193mg
0.009%	Other Cannabinoids	0.348mg	0.621%	Total Cannabinoids per Gummy	23.997mg

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Xueli Gao
Lab Toxicologist
Ph.D., DABT

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



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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427PG
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG813

Sampling Date: 2021-04-30
Lab Batch Date: 2021-04-30
Completion Date: 2021-05-07

Initial Gross Weight: 20.543 g
Net Weight: 19.048 g

Number of Units: 1
Net Weight per Unit: 4762.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Pesticides
Passed



Delta 8/Delta 10 Potency

12

Specimen Weight: 1535.200 mg

Pieces For Panel: 4

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	5.783	0.578
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ

Tested (LCUV)



Potency Summary

0.578% Total Delta 8 27.539mg	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.578% 27.539mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Ailixia Sun
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Lab Director/Principal Scientist



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Certificate of Analysis

Compliance Test

Medusa 3798 Pacheco Blvd Martinez, CA 94552	Batch # 210427PG Batch Date: 2021-04-27 Extracted From: hemp	Test Reg State: Florida
Order # GRO210427-160041 Order Date: 2021-04-27 Sample # AABG813	Sampling Date: 2021-04-30 Lab Batch Date: 2021-04-30 Completion Date: 2021-05-07	Initial Gross Weight: 20.543 g Net Weight: 19.048 g
		Number of Units: 1 Net Weight per Unit: 4762.000 mg

H Heavy Metals
Specimen Weight: 254.270 mg

Passed
(ICP-MS)

Pieces For Panel: 4 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

Xueli Gao
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Lab Director/Principal Scientist



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Certificate of Analysis

Compliance Test

Medusa
3798 Pacheco Blvd
Martinez, CA 94552

Batch # 210427PG
Batch Date: 2021-04-27
Extracted From: hemp

Test Reg State: Florida

Order # GRO210427-160041
Order Date: 2021-04-27
Sample # AABG813

Sampling Date: 2021-04-30
Lab Batch Date: 2021-04-30
Completion Date: 2021-05-07

Initial Gross Weight: 20.543 g
Net Weight: 19.048 g

Number of Units: 1
Net Weight per Unit: 4762.000 mg



Pesticides FL V4
Specimen Weight: 168.900 mg

Passed
(LCMS/GCMS)

Pieces For Panel: 4 Dilution Factor: 8.881

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
Pacllobutrazol	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				

Xueli Gao
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Lab Toxicologist

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Lab Director/Principal Scientist



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Certificate of Analysis

R&D

MEDUSA DELTA 8
3798 PACHECO BLVD
MARTINEZ, CA 94553

Batch # 102
Batch Date: 2021-12-10
Extracted From: hemp
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Cultivation Date: 0000-00-00
Production Facility: The Grove
Production Date: 2021-12-01

Order # MED211216-030001
Order Date: 2021-12-16
Sample # AACH053

Sampling Date: 2021-12-21
Lab Batch Date: 2021-12-21
Completion Date: 2021-12-28

Initial Gross Weight: 111.200 g
Net Weight: 79.758 g

Number of Units: 1
Net Weight per Unit: 3798.000 mg



Potency
Tested

Product Image

Delta 8/Delta 10 Potency
12

Specimen Weight: 1525.500 mg

Pieces For Panel: 20

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.001	3.089	0.309
Delta-9 THC	0.000013	0.001	1.151	0.115
Delta-8 THC	0.000026	0.001	0.415	0.041
CBN	0.000014	0.001	0.150	0.015
Delta-10 THC	0.000003	0.001	0.083	0.008
CBG	0.000248	0.001	0.057	0.006
CBC	0.000018	0.001	0.035	0.004
CBDV	0.000065	0.001	0.018	0.002
THCV	0.000007	0.001	<LOQ	
CBGA	0.00008	0.001	<LOQ	
CBDA	0.00001	0.001	<LOQ	
THCA-A	0.000032	0.001	<LOQ	

Sample Prepared By: 1182 Date: 2021-12-24 00:23:15 Sample Analyzed By: 1199 Date: 2021-12-23 15:25:02
Batch Reviewed By: 1150 Date: 2021-12-27 19:30:50 Lab Batch #: AACH053-260 Date: 2021-12-27 19:30:50

Tested
(LCUV)

Potency Summary

0.041% Total Delta 8	1.557mg	0.008% Total Delta 10	0.304mg
0.115% Total THC	4.368mg	0.309% Total CBD	11.736mg
0.006% Total CBG	0.228mg	0.015% Total CBN	0.570mg
0.005% Other Cannabinoids	0.190mg	0.500% Total Cannabinoids	18.990mg

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Lab Toxicologist

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Lab Director/Principal Scientist



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Certificate of Analysis

R&D

MEDUSA DELTA 8
3798 PACHECO BLVD
MARTINEZ, CA 94553

Batch # 103
Batch Date: 2021-12-10
Extracted From: hemp
Sampling Method: MSP 7.3.1

Test Reg State: Florida

Cultivation Date: 0000-00-00
Production Facility: The Grove
Production Date: 2021-12-01

Order # MED211216-030001
Order Date: 2021-12-16
Sample # AACH054

Sampling Date: 2021-12-21
Lab Batch Date: 2021-12-21
Completion Date: 2021-12-24

Initial Gross Weight: 106.200 g
Net Weight: 74.589 g

Number of Units: 1
Net Weight per Unit: 3729.450 mg



Product Image

Potency
Tested



Delta 8/Delta 10 Potency

12

Specimen Weight: 1512.400 mg

Pieces For Panel: 20

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.001	3.268	0.327
Delta-9 THC	0.000013	0.001	2.583	0.258
Delta-8 THC	0.000026	0.001	0.203	0.020
CBN	0.000014	0.001	0.102	0.010
CBC	0.000018	0.001	0.070	0.007
CBG	0.000248	0.001	0.069	0.007
Delta-10 THC	0.000003	0.001	0.023	0.002
THCV	0.000007	0.001	0.022	0.002
CBDV	0.000065	0.001	0.021	0.002
CBGA	0.00008	0.001	<LOQ	
CBDA	0.00001	0.001	<LOQ	
THCA-A	0.000032	0.001	<LOQ	

Sample Prepared By: 1182 Date: 2021-12-24 00:23:15 Sample Analyzed By: 1199 Date: 2021-12-23 15:25:02
Batch Reviewed By: 1184 Date: 2021-12-24 14:12:57 Lab Batch #: AACH054-260 Date: 2021-12-24 14:12:57

Tested
(LCUV)



Potency Summary

0.020%	Total Delta 8	0.746mg	0.002%	Total Delta 10	0.075mg
0.258%	Total THC	9.622mg	0.327%	Total CBD	12.195mg
0.007%	Total CBG	0.261mg	0.010%	Total CBN	0.373mg
0.011%	Other Cannabinoids	0.410mg	0.636%	Total Cannabinoids per Gummy	23.719mg

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Lab Toxicologist

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Lab Director/Principal Scientist



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), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = 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 = Delta 8 THC-O-Acetate + 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

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