



Certificate of Analysis

Compliance Test

Client Information:

Pan Pacific Ventures / Maui
Grown Remedies / Maui
Molecular
PO BOX 672
KULA, HI 96790

Batch # CBDG001
Batch Date: 2025-11-17
Extracted From: NA

Test Reg State: Colorado

Production Facility: Kula PC
Production Date: 2025-11-17

Order # PAN251117-010001
Order Date: 2025-11-17
Sample # AAHF522

Sampling Date: 2025-11-20
Lab Batch Date: 2025-11-20
Completion Date: 2025-11-24

Initial Gross Weight: 83.800 g
Net Weight: 69.500 g

Number of Units: 11
Net Weight per Unit: 6000.000 mg
Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**Heavy Metals
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Pathogenic Microbiology
Passed**



**Microbiology Petrifilm
Passed**



Potency 10

Specimen Weight: 1507.900 mg

Tested

SOP13.001 (LCUV)



Potency Summary

Total Active THC
None Detected

Total Active CBD
2.561% 153.660 mg

Total CBG
None Detected

Total CBN
None Detected

Total Cannabinoids
2.561% 153.660 mg

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	5.40E-5	0.015	25.610	2.561
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	10.000			25.610	2.561
Total Active THC	10.000			<LOQ	<LOQ

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (µg/g) = (µg/g), (aw) = Water Activity, (mg/kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per CO rule 6 CCR 1010-21. Failed - Analyte/microbe is at the level that equal or above the action limit per CO rule 6 CCR 1010-21. Client supplied the net weight of mg The results apply to the sample as received.
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Sampling Method: MSP 7.3.1



Pathogenic Microbiology - SE (MicroArray) - CO

Specimen Weight: 25.200 g

Passed

SOP13.019 (Micro
Array)

Dilution Factor: 1.000

Analyte	Action Limit (cfu/g)	Result (cfu/g)	Analyte	Action Limit (cfu/g)	Result (cfu/g)
Salmonella	25	Absence in 25g	STEC	25	Absence in 25g



Microbiology (Petrifilm) - CO

Specimen Weight: 1000.900 mg

Passed

SOP13.003
(Petrifilm)

Dilution Factor: 1.000

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	Yeast/Mold	10	1000	<10
Total Coliform	10	100	<10				

Aixia Sun

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

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Initial Gross Weight: 83.800 g
Net Weight: 69.500 g

Number of Units: 11
Net Weight per Unit: 6000.000 mg
Sampling Method: MSP 7.3.1

Mycotoxins - CO Specimen Weight: 585.200 mg

Passed
SOP14.003
(GCMS/LCMS)

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Aflatoxin B1	3.7250E-1	2.5	5	<LOQ	Ochratoxin A	1.8997E-1	3.5	5	<LOQ
Aflatoxin Total		2.5	20	<LOQ					

Heavy Metals - CO Specimen Weight: 249.300 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 200.562

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	0.58	100	500	<LOQ
Cadmium (Cd)	0.64	100	500	<LOQ	Mercury (Hg)	11.76	100	1500	<LOQ

Residual Solvents - CO Specimen Weight: 15.000 mg

Passed
SOP13.039, SOP13.056
(GCMS-HS, GCMS- (HS))

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Limit (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Limit (ppm)	Result (ppm)
1-Butanol	0.010	0.5	1000	<LOQ	Heptane	0.002	0.5	1000	<LOQ
1-Pentanol	0.010	0.5	1000	<LOQ	Hexane	0.001	0.5	10	<LOQ
1-Propanol	0.000	0.5	1000	<LOQ	Isobutyl acetate	1.067	4	1000	<LOQ
2-Butanol	0.000	0.5	1000	<LOQ	Isopropyl acetate	0.001	0.5	1000	<LOQ
2-Butanone	0.009	0.5	1000	<LOQ	Isopropyl alcohol	0.111	0.5	1000	<LOQ
2-Methyl-1-propanol	1.004	4	1000	<LOQ	Methanol	0.002	0.5	100	<LOQ
3-methyl-1-butanol	0.696	4	1000	<LOQ	Methyl acetate	1.116	4	1000	<LOQ
Acetic acid	0.712	4	1000	<LOQ	Pentane	0.017	0.5	1000	<LOQ
Acetone	0.001	0.5	1000	<LOQ	Propane	0.085	0.5	100	<LOQ
Anisole	1.042	4	1000	<LOQ	Propyl acetate	1.302	4	1000	<LOQ
Benzene	0.000	0.5	2	<LOQ	tert-Butyl methyl ether	0.595	4	1000	<LOQ
Butanes	0.003	0.5	100	<LOQ	Toluene	0.000	0.5	20	<LOQ
Butyl acetate	0.686	4	1000	<LOQ	Total Xylenes	0.000	2.92	40	<LOQ
Ethanol	0.000	0.5	5000	<LOQ	Triethylamine	0.891	4	100	<LOQ
Ethyl Acetate	0.002	0.5	1000	<LOQ					

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Number of Units: 11
Net Weight per Unit: 6000.000 mg
Sampling Method: MSP 7.3.1

Pesticides - CO

Specimen Weight: 585.200 mg

Passed
SOP14.003 (GCMS/LCMS)

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Abamectin	3.1800E-4	250	250	<LOQ	Dodemorph	6.4700E-12	24.8	24.8	<LOQ	Naled	5.8500E-6	24.8	24.8	<LOQ
Acephate	3.9632E-2	50	50	<LOQ	Endosulfan sulfate	8.8376E-1	2500	2500	<LOQ	Novaluron	2.0500E-4	25	25	<LOQ
Acequinocyl	5.7646E-2	24.8	24.8	<LOQ	Endosulfan-alpha	4.6000E-2	24.8	24.8	<LOQ	Oxamyl	1.6190E-3	1500	1500	<LOQ
Acetamidrid	3.3800E-10	50	50	<LOQ	Endosulfan-beta	6.3000E-2	24.8	24.8	<LOQ	Paclobutrazol	6.9300E-8	10	10	<LOQ
Aldicarb	2.2744E-2	500	500	<LOQ	Ethoprophos	1.5900E-5	10	10	<LOQ	Pentachloronitrobenzen (Quintozone)	5.0000E-2	24.8	24.8	<LOQ
Allethrin	4.7244E-1	100	100	<LOQ	Etofenprox	8.3050E-3	24.8	24.8	<LOQ	Permethrin	5.8620E-3	24.8	24.8	<LOQ
Atrazine	3.7992E-1	24.8	24.8	<LOQ	Ettoxazole	8.3558E-1	24.8	24.8	<LOQ	Phenothrin	2.1200E-7	24.8	24.8	<LOQ
Azadirachtin	3.0710E-3	500	500	<LOQ	Etridiazole	7.2000E-2	24.8	24.8	<LOQ	Phosmet	9.6150E-3	24.8	24.8	<LOQ
Azoxystrobin	1.3247E-2	10	10	<LOQ	Fenhexamid	1.0947E+0	24.8	24.8	<LOQ	Piperonylbutoxide	1.3400E-7	1250	1250	<LOQ
Benzovindiflupyr	1.2567E-2	10	10	<LOQ	Fenoxycarb	3.4507E-1	10	10	<LOQ	Pirimicarb	5.6600E-5	10	10	<LOQ
Bifenazate	2.1700E-8	10	10	<LOQ	Fenpyroximate	4.4800E-7	24.8	24.8	<LOQ	Prallethrin	1.6732E-1	24.8	24.8	<LOQ
Bifenthrin	8.4200E-4	24.8	24.8	<LOQ	Fensulfothion	7.9400E-4	10	10	<LOQ	Propiconazole	2.1300E-14	24.8	24.8	<LOQ
Boscalid	4.3300E-6	10	10	<LOQ	Fenthion	4.9113E+0	10	10	<LOQ	Propoxur	3.5081E-1	10	10	<LOQ
Buprofezin	1.6600E-9	24.8	24.8	<LOQ	Fenvalerate	5.9775E-1	24.8	24.8	<LOQ	Pyraclostrobin	5.3100E-7	10	10	<LOQ
Carbaryl	1.3800E-5	25	25	<LOQ	Fipronil	2.8847E-2	10	10	<LOQ	Pyrethrins	2.1050E-3	24.8	24.8	<LOQ
Carbofuran	7.7600E-5	10	10	<LOQ	Flonicamid	6.9733E-2	25	25	<LOQ	Pyridaben	8.7500E-15	20	20	<LOQ
Chlorantraniliprole	1.3559E-1	24.8	24.8	<LOQ	Fludioxonil	1.3402E-2	10	10	<LOQ	Pyriproxyfen	9.5800E-5	24.8	24.8	<LOQ
Chlorfenapyr	4.6000E-2	24.8	24.8	<LOQ	Fluopyram	1.1200E-9	10	10	<LOQ	Resmethrin	6.8013E-2	50	50	<LOQ
Chlorpyrifos	9.0900E-5	500	500	<LOQ	Hexythiazox	6.1900E-5	24.8	24.8	<LOQ	Spinetoram	2.3645E-2	10	10	<LOQ
Clofentezine	3.7100E-7	10	10	<LOQ	Imazalil	2.9500E-4	10	10	<LOQ	Spinosad	1.3458E-1	10	10	<LOQ
Clothianidin	3.9900E-4	25	25	<LOQ	Imidacloprid	1.5300E-4	10	10	<LOQ	Spirodiclofen	3.7377E-1	24.8	24.8	<LOQ
Coumaphos	9.8600E-5	10	10	<LOQ	Iprodione	1.0554E-1	500	500	<LOQ	Spiromesifen	3.2183E-1	24.8	24.8	<LOQ
Cyantraniliprole	6.0040E-3	10	10	<LOQ	Kinoprene	9.1000E-2	1142.1	1380	<LOQ	Spirotetramat	4.2760E-2	10	10	<LOQ
Cyfluthrin	5.6000E-2	397.2	397.2	<LOQ	Kresoxim Methyl	1.4500E-4	150	150	<LOQ	Spiroxamine	1.2172E+0	24.8	24.8	<LOQ
Cypermethrin	1.1900E-6	24.8	24.8	<LOQ	Lambda Cyhalothrin	1.1686E-1	24.8	24.8	<LOQ	Tebuconazole	1.4800E-14	10	10	<LOQ
Cyprodinil	1.1410E-3	10	10	<LOQ	Malathion	1.3300E-4	10	10	<LOQ	Tebufenozide	1.8121E-2	10	10	<LOQ
Daminozide	3.0408E-1	24.8	24.8	<LOQ	Metalaxyl	4.8600E-5	10	10	<LOQ	Teflubenzuron	1.6620E-2	25	25	<LOQ
Deltamethrin	4.9284E-1	24.8	24.8	<LOQ	Methiocarb	2.2810E-3	10	10	<LOQ	Tetrachlorvinphos	8.3913E-1	10	10	<LOQ
Diazinon	3.9100E-10	24.8	24.8	<LOQ	Methomyl	1.1500E-6	25	25	<LOQ	Tetramethrin	9.9200E-5	24.8	24.8	<LOQ
Dichlorvos	1.1406E+0	50	50	<LOQ	Methoprene	1.1485E+0	24.8	24.8	<LOQ	Thiabendazole	1.2510E-3	24.8	24.8	<LOQ
Dimethoate	2.8400E-6	10	10	<LOQ	methyl-Parathion	6.7000E-2	24.8	24.8	<LOQ	Thiacloprid	1.1200E-5	10	10	<LOQ
Dimethomorph	1.5700E-4	24.8	24.8	<LOQ	Mevinphos	4.4200E-5	25	25	<LOQ	Thiamethoxam	2.2500E-6	10	10	<LOQ
Dinotefuran	2.3697E-1	50	50	<LOQ	MGK-264	5.2000E-4	24.8	24.8	<LOQ	Thiophanate-methyl	2.2300E-4	24.8	24.8	<LOQ
Diuron	6.8620E-3	24.8	24.8	<LOQ	Myclobutanil	7.0006E-1	10	10	<LOQ	Trifloxystrobin	2.1700E-13	10	10	<LOQ

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Potency 10 at Dry Weight
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Tested
SOP13.001 (LCUV)

Pieces For Panel: 5 Dilution Factor: 100.000

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	5.40E-5	0.015	25.6	2.56	CBD	10.000	1.40E-5	0.015	<LOQ	<LOQ
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ	CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ	Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ	THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ	THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ	Total Active CBD	10.000			25.6	2.56
						Total Active THC	10.000			<LOQ	<LOQ

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