

CERTIFICATE OF ANALYSIS

PRODUCED: APR 02, 2024

SAMPLE: GARY PAYTON (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: **PASS**
NON-INFUSED PRE ROLLS



BATCH NO.: GHFGRY0325MPNEW
METRC UID: 1A406030003DC49000114765
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-240329-082
COLLECTED ON: MAR 29, 2024
RECEIVED ON: MAR 29, 2024
BATCH/SAMPLE SIZE: 466 UNITS / 5 UNITS
PACKAGE SIZE: 3.5 G

CANNABINOID OVERVIEW

TOTAL THC:	22.01598 %
TOTAL CBD:	0.06154 %
TOTAL CANNABINOIDS ^{††} :	22.21247 %
SUM OF CANNABINOIDS [†] :	25.24148 %

MANUFACTURER INFO

MANUFACTURER
GLASS HOUSE CAMARILLO
CULTIVATION LLC
645 LAGUNA ROAD
CAMARILLO, CA 93012
LICENSE
CCL21-0005102
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
ALKHEMIST DM LLC
2211 DAMON STREET
LOS ANGELES, CA 90021
LICENSE
C11-0001456-LIC
ADULT-USE - DISTRIBUTOR LICENSE



BCL-28: DETERMINATION OF CANNABINOIDS CONCENTRATION BY HPLC FOR DRIED FLOWER INCLUDING NON-INFUSED PRE-ROLLS // APR 02, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.04120 %	0.4120 mg/g	0.0044/0.1	N/A
CBD	ND	ND	0.0062/0.1	N/A
CBDA	0.07017 %	0.7017 mg/g	0.0032/0.1	N/A
CBG	0.08135 %	0.8135 mg/g	0.0058/0.1	N/A
CBN	ND	ND	0.0032/0.1	N/A
Δ ⁸ -THC	ND	ND	0.0116/0.1	N/A
Δ ⁹ -THC	0.48044 %	4.8044 mg/g	0.0084/0.1	N/A
THCA	24.55592 %	245.5592 mg/g	0.12/2	N/A
THCV	0.01240 %	0.1240 mg/g	0.0066/0.1	N/A
TOT THC**	22.01598 %	220.1598 mg/g		N/A
TOT CBD**	0.06154 %	0.6154 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	16.82 mg			N/A
TOT THC/PKG**	770.56 mg			N/A
TOT CBD/PKG**	2.15 mg			N/A

DRY-WEIGHT AMOUNTS SHOWN

** TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

** TOTAL CBD = CBD + (CBDA X 0.877)

† SUM OF CANNABINOIDS = CBC + CBD + CBDA + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV

†† TOTAL CANNABINOIDS = (CBC + CBD + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCV) + (0.877 * (CBDA + THCA))

BCL-09: TERPENOID TESTING BY HS-GC/FID // APR 02, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.11240 %	11.1240 mg/g		N/A
β-CARYOPHYLLENE	0.47365 %	4.7365 mg/g	0.00179/0.13035	N/A
α-HUMULENE	0.17329 %	1.7329 mg/g	0.00044/0.13035	N/A
LINALOOL	0.16878 %	1.6878 mg/g	0.00035/0.13035	N/A
D-LIMONENE	0.16395 %	1.6395 mg/g	0.00023/0.13035	N/A
α-BISABOLOL	0.08408 %	0.8408 mg/g	0.00406/0.13035	N/A
β-MYRCENE	0.02693 %	0.2693 mg/g	0.00035/0.13035	N/A
β-PINENE	0.02172 %	0.2172 mg/g	0.00211/0.13035	N/A
α-PINENE	< LOQ	< LOQ	0.0002/0.13035	N/A
α-TERPINENE	ND	ND	0.00028/0.13035	N/A
CAMPHERE	ND	ND	0.0002/0.13035	N/A
CIS-β-OCIMENE	ND	ND	0.00126/0.04041	N/A
Δ ³ -CARENE	ND	ND	0.00043/0.13035	N/A
EUCALYPTOL	ND	ND	0.00044/0.13035	N/A
γ-TERPINENE	ND	ND	0.00044/0.13035	N/A
GERANIOL	ND	ND	0.00027/0.13035	N/A
GUAIOL	ND	ND	0.00255/0.13035	N/A
ISOPULEGOL	ND	ND	0.00051/0.13035	N/A
P-CYME	ND	ND	0.00025/0.13035	N/A
TERPINOLENE	ND	ND	0.00028/0.13035	N/A
TRANS-β-OCIMENE	ND	ND	0.00047/0.08994	N/A



LABORATORY PERFORMED SAMPLING AS PER BCL-01 AT 2211 DAMON STREET, LOS ANGELES, CA 90021. THE RESULTS RELATE ONLY TO THE ITEMS TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: DZOANA KLISARA, B.SC.
LABORATORY DIRECTOR, BELCOSTA LABS
APR 02, 2024

Dzoana Klisara

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 01, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0244/0.07393	PASS	METALAXYL	2 µg/g	ND	0.0058/0.01757	PASS
ACEPHATE	0.1 µg/g	ND	0.01224/0.0371	PASS	METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.01993/0.06038	PASS	METHOMYL	1 µg/g	ND	0.00837/0.02537	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0043/0.01302	PASS	MEVINPHOS	Any amt	ND		PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS	MEVINPHOS I		ND	0.001/0.00303	N/A
AZOXYSTROBIN	0.1 µg/g	ND	0.00771/0.02337	PASS	MEVINPHOS II		ND	0.00529/0.01603	N/A
BIFENAZATE	0.1 µg/g	ND	0.00373/0.01131	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.01719/0.0521	PASS
BIFENTHRIN	3 µg/g	ND	0.01267/0.03839	PASS	NALED	0.1 µg/g	ND	0.01059/0.0321	PASS
BOSCALID	0.1 µg/g	ND	0.01406/0.04261	PASS	OXAMYL	0.5 µg/g	ND	0.00617/0.01869	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS	PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.01069/0.0324	PASS	PERMETHRIN CIS		ND	0.00993/0.03008	N/A
CLOFENTEZINE	0.1 µg/g	ND	0.01404/0.04256	PASS	PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS	PHOSMET	0.1 µg/g	ND	0.00601/0.01822	PASS
CYFLUTHRIN	2 µg/g	ND	0.1511/0.45788	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00261/0.00791	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00989/0.02996	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.00577/0.01747	PASS
DIAZINON	0.1 µg/g	ND	0.0027/0.00818	PASS	PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS	PYRETHRINS	0.5 µg/g	ND		PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
DIMETHOMORPH I		ND	0.00554/0.01679	N/A	PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A	PYRIDABEN	0.1 µg/g	ND	0.00388/0.01176	PASS
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS	SPINETORAM	0.1 µg/g	ND		PASS
ETOENPROX	Any amt	ND	0.00604/0.01831	PASS	SPINETORAM J		ND	0.00694/0.02103	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00363/0.01099	PASS	SPINETORAM L		ND	0.00902/0.02734	N/A
FENHEXAMID	0.1 µg/g	ND	0.01344/0.04073	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS	SPINOSAD A		ND	0.00799/0.02422	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00277/0.0084	PASS	SPINOSAD D		ND	0.00275/0.00834	N/A
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.00693/0.021	PASS
FLONICAMID	0.1 µg/g	ND	0.0046/0.01393	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00537/0.01627	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03245/0.09834	PASS	SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00409/0.01238	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00874/0.02647	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS	THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
IMIDACLOPRID	5 µg/g	ND	0.00796/0.02411	PASS	THIAMETHOXAM	5 µg/g	ND	0.00395/0.01196	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00989/0.02997	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00354/0.01072	PASS
MALATHION	0.5 µg/g	ND	0.00701/0.02124	PASS					

BCL-13: PESTICIDE TESTING BY GC/MS // APR 02, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03108/0.09411	PASS	CHLORPYRIFOS	Any amt	ND	0.01105/0.03356	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01164/0.03527	PASS
CHLORDANE CIS		ND	0.01099/0.03332	N/A	METHYL PARATHION	Any amt	ND	0.01335/0.04047	PASS
CHLORDANE TRANS		ND	0.01052/0.03178	N/A					



REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.02369/0.07172 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.01388/0.04212 PASS

BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // APR 01, 2024

ANALYTE	LIMIT AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND 0.15423/0.53802	PASS
ACETONE	5000 µg/g	ND 17.36011/53.80201	PASS
ACETONITRILE	410 µg/g	ND 15.40531/53.80201	PASS
BENZENE	1 µg/g	ND 0.06815/0.53802	PASS
BUTANE	5000 µg/g	ND 16.24462/53.80201	PASS
CHLOROFORM	1 µg/g	ND 0.15782/0.53802	PASS
ETHANOL	5000 µg/g	ND 13.31779/53.80201	PASS
ETHYL ACETATE	5000 µg/g	ND 16.44548/53.80201	PASS
ETHYLENE OXIDE	1 µg/g	ND 0.17217/0.53802	PASS
ETHYL ETHER	5000 µg/g	ND 14.48709/53.80201	PASS
HEPTANE	5000 µg/g	ND 12.67575/53.80201	PASS
HEXANE	290 µg/g	ND 19.51578/89.67001	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ 13.4505/53.80201	PASS
METHANOL	3000 µg/g	ND 12.06241/53.80201	PASS
METHYLENE CHLORIDE	1 µg/g	ND 0.1363/0.53802	PASS
PENTANE	5000 µg/g	ND 29.66284/89.67001	PASS
PROPANE	5000 µg/g	ND 15.3264/53.80201	PASS
TOLUENE	890 µg/g	ND 8.46844/53.80201	PASS
TRICHLOROETHYLENE	1 µg/g	ND 0.07174/0.53802	PASS
O-XYLENE		ND 4.01004/26.901	N/A
P- AND M-XYLENE		ND 3.71593/26.901	N/A
TOTAL XYLENES	2170 µg/g	ND	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAR 30, 2024

ANALYTE	LIMIT AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 % ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit ND	PASS
MOLD	25 % ND	PASS
SAND, SOIL, CINDERS, DIRT	25 % ND	PASS

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // MAR 31, 2024

ANALYTE	LIMIT AMT (CFU/g)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram ND	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram ND	PASS
SALMONELLA SPP.	Any amt in 1 gram ND	PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram ND	PASS

BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // APR 01, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.97/5.96	N/A
AFLATOXIN B2		ND	1.32/3.99	N/A
AFLATOXIN G1		ND	1.6/4.86	N/A
AFLATOXIN G2		ND	1.46/4.44	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	1.35/4.08	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // MAR 31, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.001/0.05	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	0.055	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // APR 01, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		9.70	N/A

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // MAR 30, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.53	PASS



ACCREDITATIONS



A2LA ACCREDITED

BCL-02: MOISTURE CONTENT BY GRAVIMETRY

BCL-020: HEAVY METAL TESTING BY ICP-MS

BCL-05: MYCOTOXIN TESTING BY LC-MS/MS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

BCL-09: TERPENOID TESTING BY HS-GC/FID

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM

BCL-13: PESTICIDE TESTING BY GC/MS

BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

