

CERTIFICATE OF ANALYSIS

PRODUCED: SEP 03, 2024

SAMPLE: DONNY BURGER #5 (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: GHFBGR0819MP
METRC UID: 1A4060300036B66000011465
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-240826-046
COLLECTED ON: AUG 26, 2024
RECEIVED ON: AUG 26, 2024
BATCH/SAMPLE SIZE: 331 UNITS / 5 UNITS
PACKAGE SIZE: 3.5 G

CANNABINOID OVERVIEW

TOTAL THC:	24.81925 %
TOTAL CBD:	0.12374 %
TOTAL CANNABINOIDS ^{††} :	26.04737 %
SUM OF CANNABINOIDS [†] :	29.42904 %

MANUFACTURER INFO

MANUFACTURER
ALKHEMIST DM LLC
2211 DAMON STREET
LOS ANGELES, CA 90021

LICENSE
CDPH-10004691
ADULT-USE AND MEDICINAL -
MANUFACTURING 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 // AUG 28, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.08837 %	0.8837 mg/g	0.0044/0.09995	N/A
CBCA	0.23969 %	2.3969 mg/g	0.01259/0.09995	N/A
CBD	ND	ND	0.0062/0.09995	N/A
CBDA	0.14109 %	1.4109 mg/g	0.0032/0.09995	N/A
CBDV	ND	ND	0.0048/0.09995	N/A
CBDVA	ND	ND	0.0032/0.09995	N/A
CBG	0.13552 %	1.3552 mg/g	0.0058/0.09995	N/A
CBGA	0.57385 %	5.7385 mg/g	0.004/0.09995	N/A
CBN	0.01735 %	0.1735 mg/g	0.0032/0.09995	N/A
Δ ⁸ -THC	ND	ND	0.01159/0.09995	N/A
Δ ⁹ -THC	1.67461 %	16.7461 mg/g	0.0084/0.09995	N/A
THCA	26.39069 %	263.9069 mg/g	0.11994/1.999	N/A
THCV	0.01997 %	0.1997 mg/g	0.0066/0.09995	N/A
THCVA	0.14790 %	1.4790 mg/g	0.0046/0.09995	N/A
TOT THC ^{**}	24.81925 %	248.1925 mg/g		N/A
TOT CBD ^{**}	0.12374 %	1.2374 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	58.61 mg			N/A
TOT THC/PKG ^{**}	868.67 mg			N/A
TOT CBD/PKG ^{**}	4.33 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // AUG 28, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.80038 %	8.0038 mg/g		N/A
β-CARYOPHYLLENE	0.26628 %	2.6628 mg/g	0.00187/0.13653	N/A
D-LIMONENE	0.14331 %	1.4331 mg/g	0.00024/0.13653	N/A
α-HUMULENE	0.11676 %	1.1676 mg/g	0.00046/0.13653	N/A
LINALOOL	0.09740 %	0.9740 mg/g	0.00036/0.13653	N/A
α-BISABOLOL	0.07492 %	0.7492 mg/g	0.00426/0.13653	N/A
β-MYRCENE	0.06648 %	0.6648 mg/g	0.00037/0.13653	N/A
β-PINENE	0.02076 %	0.2076 mg/g	0.00221/0.13653	N/A
GUAIOL	0.01447 %	0.1447 mg/g	0.00267/0.13653	N/A
α-PINENE	< LOQ	< LOQ	0.00021/0.13653	N/A
α-TERPINENE	ND	ND	0.00029/0.13653	N/A
CAMPHERE	ND	ND	0.00021/0.13653	N/A
CIS-β-OCIMENE	ND	ND	0.00132/0.04232	N/A
Δ ³ -CARENE	ND	ND	0.00045/0.13653	N/A
EUCALYPTOL	ND	ND	0.00046/0.13653	N/A
γ-TERPINENE	ND	ND	0.00046/0.13653	N/A
GERANIOL	ND	ND	0.00028/0.13653	N/A
ISOPULEGOL	ND	ND	0.00053/0.13653	N/A
P-CYME	ND	ND	0.00027/0.13653	N/A
TERPINOLENE	ND	ND	0.00029/0.13653	N/A
TRANS-β-OCIMENE	ND	ND	0.00049/0.09421	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 + CBCA + CBD + CBDA + CBDV + CBDVA + CBG + CBGA + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA

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



REGULATORY COMPLIANCE TESTING

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
SEP 03, 2024

Dzoana Klisara



BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // AUG 29, 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	0.01972/0.0696	PASS	METALAXYL	2 µg/g	ND	0.00379/0.06054	PASS
ACEPHATE	0.1 µg/g	ND	0.00862/0.0606	PASS	METHIOCARB	Any amt	ND	0.01182/0.06042	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00784/0.06	PASS	METHOMYL	1 µg/g	ND	0.00504/0.06042	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00491/0.06042	PASS	MEVINPHOS	Any amt	ND		PASS
ALDICARB	Any amt	ND	0.01231/0.06042	PASS	MEVINPHOS I		ND	0.002/0.01877	N/A
AZOXYSTROBIN	0.1 µg/g	ND	0.0059/0.06048	PASS	MEVINPHOS II		ND	0.00532/0.04177	N/A
BIFENAZATE	0.1 µg/g	ND	0.00876/0.0603	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.00604/0.0603	PASS
BIFENTHRIN	3 µg/g	ND	0.00958/0.06	PASS	NALED	0.1 µg/g	ND	0.00848/0.05994	PASS
BOSCALID	0.1 µg/g	ND	0.0171/0.0606	PASS	OXAMYL	0.5 µg/g	ND	0.0052/0.06036	PASS
CARBARYL	0.5 µg/g	ND	0.0079/0.0603	PASS	PACLOBUTRAZOL	Any amt	ND	0.00849/0.06036	PASS
CARBOFURAN	Any amt	ND	0.00227/0.06036	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.011/0.06054	PASS	PERMETHRIN CIS		ND	0.0288/0.1021	N/A
CLOFENTEZINE	0.1 µg/g	ND	0.00507/0.0603	PASS	PERMETHRIN TRANS		ND	0.04398/0.15589	N/A
COUMAPHOS	Any amt	ND	0.0193/0.0684	PASS	PHOSMET	0.1 µg/g	ND	0.00607/0.06042	PASS
CYFLUTHRIN	2 µg/g	ND	0.23945/0.8484	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00394/0.06012	PASS
CYPERMETHRIN	1 µg/g	ND	0.07946/0.6	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00818/0.06	PASS
DAMINOZIDE	Any amt	ND	0.00625/0.0606	PASS	PROPICONAZOLE	0.1 µg/g	< LOQ	0.00485/0.0603	PASS
DIAZINON	0.1 µg/g	ND	0.00536/0.0606	PASS	PROPOXUR	Any amt	ND	0.0072/0.06042	PASS
DIMETHOATE	Any amt	ND	0.00621/0.0606	PASS	PYRETHRINS	0.5 µg/g	ND		PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.02641/0.09362	N/A
DIMETHOMORPH I		ND	0.00422/0.02545	N/A	PYRETHRINS PYRETHRIN II		ND	0.018/0.0638	N/A
DIMETHOMORPH II		ND	0.00229/0.03515	N/A	PYRIDABEN	0.1 µg/g	ND	0.00906/0.0606	PASS
ETHOPROPHOS	Any amt	ND	0.0085/0.0606	PASS	SPINETORAM	0.1 µg/g	ND		PASS
ETOFPENPROX	Any amt	ND	0.00539/0.06054	PASS	SPINETORAM J		ND	0.00681/0.0156	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00416/0.06036	PASS	SPINETORAM L		ND	0.00345/0.0444	N/A
FENHEXAMID	0.1 µg/g	ND	0.01569/0.0606	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENOXYCARB	Any amt	ND	0.00565/0.06048	PASS	SPINOSAD A		ND	0.00558/0.04601	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00671/0.06048	PASS	SPINOSAD D		ND	0.00123/0.01453	N/A
FIPRONIL	Any amt	ND	0.00911/0.0603	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.01985/0.0708	PASS
FLONICAMID	0.1 µg/g	ND	0.00275/0.0606	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00482/0.06054	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.02537/0.09	PASS	SPIROXAMINE	Any amt	ND	0.00338/0.06018	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00585/0.0606	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00726/0.0603	PASS
IMAZALIL	Any amt	ND	0.00862/0.06036	PASS	THIACLOPRID	Any amt	ND	0.00497/0.0603	PASS
IMIDACLOPRID	5 µg/g	ND	0.00851/0.06036	PASS	THIAMETHOXAM	5 µg/g	ND	0.00349/0.06036	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00871/0.06036	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00529/0.0603	PASS
MALATHION	0.5 µg/g	ND	0.00764/0.0606	PASS					

BCL-13: PESTICIDE TESTING BY GC/MS // SEP 03, 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	0.06119/0.1853	PASS	CHLORPYRIFOS	Any amt	ND	0.02175/0.06607	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.02292/0.06945	PASS
CHLORDANE CIS		ND	0.02164/0.06561	N/A	METHYL PARATHION	Any amt	ND	0.02629/0.07968	PASS
CHLORDANE TRANS		ND	0.02071/0.06258	N/A					



REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.04665/0.14122 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.02734/0.08294 PASS

BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // AUG 29, 2024

ANALYTE	LIMIT AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16673/0.58162 PASS
ACETONE	5000 µg/g	ND	18.76696/58.16208 PASS
ACETONITRILE	410 µg/g	ND	16.65374/58.16208 PASS
BENZENE	1 µg/g	ND	0.07367/0.58162 PASS
BUTANE	5000 µg/g	ND	17.56107/58.16208 PASS
CHLOROFORM	1 µg/g	ND	0.17061/0.58162 PASS
ETHANOL	5000 µg/g	ND	14.39705/58.16208 PASS
ETHYL ACETATE	5000 µg/g	ND	17.77821/58.16208 PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18612/0.58162 PASS
ETHYL ETHER	5000 µg/g	ND	15.66111/58.16208 PASS
HEPTANE	5000 µg/g	ND	13.70299/58.16208 PASS
HEXANE	290 µg/g	ND	21.09732/96.9368 PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.54052/58.16208 PASS
METHANOL	3000 µg/g	ND	13.03994/58.16208 PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14734/0.58162 PASS
PENTANE	5000 µg/g	ND	32.06669/96.9368 PASS
PROPANE	5000 µg/g	ND	16.56844/58.16208 PASS
TOLUENE	890 µg/g	ND	9.15471/58.16208 PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07755/0.58162 PASS
O-XYLENE		ND	4.33501/29.08104 N/A
P- AND M-XYLENE		ND	4.01706/29.08104 N/A
TOTAL XYLENES	2170 µg/g	ND	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 27, 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 // AUG 28, 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 // AUG 29, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.19/4.22	N/A
AFLATOXIN B2		ND	1.45/5.12	N/A
AFLATOXIN G1		ND	1.58/5.6	N/A
AFLATOXIN G2		ND	0.63/3	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.63/6	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // AUG 27, 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	< LOQ	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // AUG 28, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		7.50	N/A

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // AUG 27, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.55	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

