

CERTIFICATE OF ANALYSIS

PRODUCED: SEP 04, 2024

SAMPLE: LILAC DIESEL (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: **PASS**



BATCH NO.: GHFLID0828PR
METRC UID: 1A4060300036B66000011483
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-240828-026
COLLECTED ON: AUG 28, 2024
RECEIVED ON: AUG 28, 2024
BATCH/SAMPLE SIZE: 1192 UNITS / 12 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	20.72062 %
TOTAL CBD:	0.09969 %
TOTAL CANNABINOIDS††:	22.63843 %
SUM OF CANNABINOIDS†:	25.60705 %

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 30, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.04384 %	0.4384 mg/g	0.0044/0.1	N/A
CBCA	0.19462 %	1.9462 mg/g	0.0126/0.1	N/A
CBD	ND	ND	0.0062/0.1	N/A
CBDA	0.11367 %	1.1367 mg/g	0.0032/0.1	N/A
CBDV	ND	ND	0.0048/0.1	N/A
CBDVA	ND	ND	0.0032/0.1	N/A
CBG	0.09061 %	0.9061 mg/g	0.0058/0.1	N/A
CBGA	1.45466 %	14.5466 mg/g	0.004/0.1	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	1.32351 %	13.2351 mg/g	0.0084/0.1	N/A
THCA	22.11757 %	221.1757 mg/g	0.12/2	N/A
THCV	0.01397 %	0.1397 mg/g	0.0066/0.1	N/A
THCVA	0.25460 %	2.5460 mg/g	0.0046/0.1	N/A
TOT THC**	20.72062 %	207.2062 mg/g		N/A
TOT CBD**	0.09969 %	0.9969 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	13.24 mg			N/A
TOT THC/PKG**	207.21 mg			N/A
TOT CBD/PKG**	1.00 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // AUG 30, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.21721 %	12.1721 mg/g		N/A
β-CARYOPHYLLENE	0.54819 %	5.4819 mg/g	0.00191/0.13936	N/A
α-HUMULENE	0.22347 %	2.2347 mg/g	0.00047/0.13936	N/A
TERPINOLENE	0.21957 %	2.1957 mg/g	0.00029/0.13936	N/A
TRANS-β-OCIMENE	0.08063 %	0.8063 mg/g	0.0005/0.09616	N/A
β-MYRCENE	0.05703 %	0.5703 mg/g	0.00038/0.13936	N/A
α-BISABOLOL	0.03536 %	0.3536 mg/g	0.00435/0.13936	N/A
D-LIMONENE	0.03151 %	0.3151 mg/g	0.00025/0.13936	N/A
β-PINENE	0.02145 %	0.2145 mg/g	0.00226/0.13936	N/A
α-PINENE	< LOQ	< LOQ	0.00022/0.13936	N/A
α-TERPINENE	< LOQ	< LOQ	0.0003/0.13936	N/A
Δ ³ -CARENE	< LOQ	< LOQ	0.00046/0.13936	N/A
γ-TERPINENE	< LOQ	< LOQ	0.00047/0.13936	N/A
LINALOOL	< LOQ	< LOQ	0.00037/0.13936	N/A
CAMPHERE	ND	ND	0.00022/0.13936	N/A
CIS-β-OCIMENE	ND	ND	0.00135/0.0432	N/A
EUCALYPTOL	ND	ND	0.00047/0.13936	N/A
GERANIOL	ND	ND	0.00029/0.13936	N/A
GUAIOL	ND	ND	0.00272/0.13936	N/A
ISOPULEGOL	ND	ND	0.00054/0.13936	N/A
P-CYMENE	ND	ND	0.00027/0.13936	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 04, 2024

Dzoana Klisara



BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // 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
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	ND	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
ETOENPROX	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 04, 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	0.0313/0.0948	PASS	CHLORPYRIFOS	Any amt	ND	0.01113/0.0338	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01172/0.03553	PASS
CHLORDANE CIS		ND	0.01107/0.03356	N/A	METHYL PARATHION	Any amt	ND	0.01345/0.04077	PASS
CHLORDANE TRANS		ND	0.01059/0.03202	N/A					



REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.02386/0.07225 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.01399/0.04243 PASS

BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // AUG 31, 2024

ANALYTE	LIMIT AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16288/0.56818 PASS
ACETONE	5000 µg/g	ND	18.33333/56.81818 PASS
ACETONITRILE	410 µg/g	ND	16.26894/56.81818 PASS
BENZENE	1 µg/g	ND	0.07197/0.56818 PASS
BUTANE	5000 µg/g	ND	17.1553/56.81818 PASS
CHLOROFORM	1 µg/g	ND	0.16667/0.56818 PASS
ETHANOL	5000 µg/g	ND	14.06439/56.81818 PASS
ETHYL ACETATE	5000 µg/g	ND	17.36742/56.81818 PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18182/0.56818 PASS
ETHYL ETHER	5000 µg/g	ND	15.29924/56.81818 PASS
HEPTANE	5000 µg/g	ND	13.38636/56.81818 PASS
HEXANE	290 µg/g	ND	20.60985/94.69697 PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	14.20455/56.81818 PASS
METHANOL	3000 µg/g	ND	12.73864/56.81818 PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14394/0.56818 PASS
PENTANE	5000 µg/g	ND	31.32576/94.69697 PASS
PROPANE	5000 µg/g	ND	16.18561/56.81818 PASS
TOLUENE	890 µg/g	ND	8.94318/56.81818 PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07576/0.56818 PASS
O-XYLENE		ND	4.23485/28.40909 N/A
P- AND M-XYLENE		ND	3.92424/28.40909 N/A
TOTAL XYLENES	2170 µg/g	ND	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 31, 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 30, 2024

ANALYTE	LIMIT AMT (CFU)	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 // SEP 03, 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 30, 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 29, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		7.80	N/A

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // AUG 29, 2024

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

ACCREDITATIONS



CERT NO. 4876.01

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

