

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 01, 2022

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



BATCH NO.: GHFLID1216PR
METRC UID: 1A406030000A423000004355
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-211229-102
COLLECTED ON: DEC 29, 2021
RECEIVED ON: DEC 29, 2021
BATCH/SAMPLE SIZE: 1530 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	25.85773 %
TOTAL CBD:	0.05619 %
TOTAL CANNABINOIDS:	32.3015 %

CULTIVATOR INFO

CULTIVATOR
 MISSION HEALTH ASSOCIATES, INC
 5601 CASITAS PASS RD
 CARPINTERIA, CA 93013

LICENSE
 CCL18-0003034
 ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 ALKHEMIST DM LLC
 1370 ESPERANZA ST, SUITE B
 LOS ANGELES, CA 90023

LICENSE
 C11-0000751-LIC
 ADULT-USE AND MEDICINAL -
 DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // DEC 31, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.01007/0.22877	N/A
CBCA	0.22708 %	2.2708 mg/g	0.02883/0.22877	N/A
CBD	ND	ND	0.01418/0.22877	N/A
CBDA	0.06407 %	0.6407 mg/g	0.00732/0.22877	N/A
CBDV	ND	ND	0.01098/0.22877	N/A
CBDVA	ND	ND	0.00732/0.22877	N/A
CBG	0.12819 %	1.2819 mg/g	0.01327/0.22877	N/A
CBGA	2.28733 %	22.8733 mg/g	0.00915/0.22877	N/A
CBN	ND	ND	0.00732/0.22877	N/A
Δ ⁸ -THC	0.04633 %	0.4633 mg/g	0.02654/0.22877	N/A
Δ ⁹ -THC	1.25176 %	12.5176 mg/g	0.01922/0.22877	N/A
THCA	28.05698 %	280.5698 mg/g	0.01373/0.22877	N/A
THCV	ND	ND	0.0151/0.22877	N/A
THCVA	0.23976 %	2.3976 mg/g	0.01052/0.22877	N/A
TOT THC **	25.85773 %	258.5773 mg/g		N/A
TOT CBD **	0.05619 %	0.5619 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	12.52 mg			N/A
TOT CBD/PKG **	0.56 mg			N/A
TOT THC/PKG **	258.58 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // DEC 30, 2021

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.65932 %	16.5932 mg/g		N/A
TERPINOLENE	0.51851 %	5.1851 mg/g	0.28763/136.00155	N/A
β-CARYOPHYLLENE	0.47632 %	4.7632 mg/g	1.86575/136.00155	N/A
α-HUMULENE	0.18957 %	1.8957 mg/g	0.45605/136.00155	N/A
β-OCIMENE	0.16174 %	1.6174 mg/g	0.48689/93.84107	N/A
D-LIMONENE	0.08616 %	0.8616 mg/g	0.24355/136.00155	N/A
β-MYRCENE	0.08588 %	0.8588 mg/g	0.36968/136.00155	N/A
β-PINENE	0.03933 %	0.3933 mg/g	2.20174/136.00155	N/A
α-BISABOLOL	0.03215 %	0.3215 mg/g	4.24083/136.00155	N/A
α-PINENE	0.02029 %	0.2029 mg/g	0.20997/136.00155	N/A
Δ ³ -CARENE	0.01802 %	0.1802 mg/g	0.44823/136.00155	N/A
α-TERPINENE	0.01578 %	0.1578 mg/g	0.29253/136.00155	N/A
LINALOOL	0.01557 %	0.1557 mg/g	0.36047/136.00155	N/A
γ-TERPINENE	< LOQ	< LOQ	0.45905/136.00155	N/A
CAMPHENE	ND	ND	0.21121/136.00155	N/A
α-OCIMENE	ND	ND	1.31305/42.16048	N/A
EUCALYPTOL	ND	ND	0.45536/136.00155	N/A
GERANIOL	ND	ND	0.28339/136.00155	N/A
GUAIOL	ND	ND	2.6569/136.00155	N/A
ISOPULEGOL	ND	ND	0.53046/136.00155	N/A
P-CYMENE	ND	ND	0.26504/136.00155	N/A

** TOTAL CBD = (CBDA X 0.877) + CBD
 ** TOTAL THC = (THCA X 0.877) + THC
 DRY-WEIGHT AMOUNTS SHOWN

SAMPLE WAS TESTED AS RECEIVED. 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.

RESULTS CERTIFIED BY: CODY SHEPPARD, PH.D.
 LABORATORY DIRECTOR, BELCOSTA LABS
 JAN 01, 2022



BCL-13: PESTICIDE TESTING BY GC/MS // DEC 30, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.01977/0.06	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01199/0.03	N/A
CHLORDANE TRANS		ND	0.01082/0.03	N/A
CHLORFENAPYR	Any amt	ND	0.01364/0.06	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01653/0.06	PASS
DICHLORVOS	Any amt	ND	0.01165/0.06	PASS
METHYL PARATHION	Any amt	ND	0.00851/0.06	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01282/0.06	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 30, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.01153/0.04	PASS
ACEPHATE	0.1 µg/g	ND	0.00368/0.02	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00417/0.02	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00464/0.02	PASS
ALDICARB	Any amt	ND	0.01109/0.04	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00639/0.02	PASS
BIFENAZATE	0.1 µg/g	ND	0.00355/0.02	PASS
BIFENTHRIN	3 µg/g	ND	0.00473/0.04	PASS
BOSCALID	0.1 µg/g	ND	0.00494/0.02	PASS
CARBARYL	0.5 µg/g	ND	0.00295/0.02	PASS
CARBOFURAN	Any amt	ND	0.00613/0.02	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00697/0.04	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0054/0.02	PASS
COUMAPHOS	Any amt	ND	0.00215/0.02	PASS
CYFLUTHRIN	2 µg/g	ND	0.05508/0.2	PASS
CYPERMETHRIN	1 µg/g	ND	0.00556/0.04	PASS
DAMINOZIDE	Any amt	ND	0.00227/0.04	PASS
DIAZINON	0.1 µg/g	ND	0.00487/0.02	PASS
DIMETHOATE	Any amt	ND	0.00354/0.02	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00109/0.0078	N/A
DIMETHOMORPH II		ND	0.0015/0.0122	N/A
ETHOPROPHOS	Any amt	ND	0.0041/0.02	PASS
ETOFENPROX	Any amt	ND	0.00274/0.02	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00385/0.02	PASS
FENHEXAMID	0.1 µg/g	ND	0.01055/0.02	PASS
FENOXYCARB	Any amt	ND	0.00175/0.02	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00481/0.02	PASS
FIPRONIL	Any amt	ND	0.00478/0.02	PASS
FLONICAMID	0.1 µg/g	ND	0.00398/0.02	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.01369/0.04	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00297/0.02	PASS
IMAZALIL	Any amt	ND	0.0056/0.02	PASS
IMIDACLOPRID	5 µg/g	ND	0.00645/0.02	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00339/0.02	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS
METALAXYL	2 µg/g	ND	0.00503/0.02	PASS
METHIOCARB	Any amt	ND	0.00503/0.02	PASS
METHOMYL	1 µg/g	ND	0.00494/0.02	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.00163/0.0084	N/A
MEVINPHOS II		ND	0.00542/0.0316	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.00867/0.04	PASS
NALED	0.1 µg/g	ND	0.00328/0.02	PASS
OXAMYL	0.5 µg/g	ND	0.00455/0.02	PASS
PACLOBUTRAZOL	Any amt	ND	0.00714/0.04	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00237/0.0082	N/A
PERMETHRIN TRANS		ND	0.00245/0.0118	N/A
PHOSMET	0.1 µg/g	ND	0.0043/0.02	PASS
PIPERONYLBUTOXIDE	3 µg/g	ND	0.00247/0.02	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00392/0.02	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.0024/0.02	PASS
PROPOXUR	Any amt	ND	0.00374/0.02	PASS
PYRETHRINS	0.5 µg/g	ND	0.00726/0.04	PASS
PYRIDABEN	0.1 µg/g	ND	0.0034/0.02	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00329/0.016	N/A
SPINETORAM L		ND	0.00157/0.016	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00205/0.01438	N/A
SPINOSAD D		ND	0.00104/0.00498	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.00944/0.04	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00208/0.02	PASS
SPIROXAMINE	Any amt	ND	0.00344/0.02	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00816/0.04	PASS
THIACLOPRID	Any amt	ND	0.0039/0.02	PASS
THIAMETHOXAM	5 µg/g	ND	0.00358/0.02	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00421/0.02	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // DEC 31, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16963/0.59172	PASS
ACETONE	5000 µg/g	< LOQ	19.0927/59.1716	PASS
ACETONITRILE	410 µg/g	ND	16.9428/59.1716	PASS
BENZENE	1 µg/g	ND	0.07495/0.59172	PASS
BUTANE	5000 µg/g	ND	17.86588/59.1716	PASS
CHLOROFORM	1 µg/g	ND	0.17357/0.59172	PASS
ETHANOL	5000 µg/g	ND	14.64694/59.1716	PASS
ETHYL ACETATE	5000 µg/g	ND	18.08679/59.1716	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18935/0.59172	PASS
ETHYL ETHER	5000 µg/g	ND	15.93294/59.1716	PASS
HEPTANE	5000 µg/g	ND	13.94083/59.1716	PASS
HEXANE	290 µg/g	ND	21.46351/98.61933	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.7929/59.1716	PASS
METHANOL	3000 µg/g	ND	13.26627/59.1716	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.1499/0.59172	PASS
PENTANE	5000 µg/g	ND	32.62327/98.61933	PASS
PROPANE	5000 µg/g	ND	16.85602/59.1716	PASS
TOLUENE	890 µg/g	ND	9.31361/59.1716	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.0789/0.59172	PASS
O-XYLENE		ND	4.41026/29.5858	N/A
P- AND M-XYLENE		ND	4.08679/29.5858	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // DEC 30, 2021

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.23/4	N/A
AFLATOXIN B2		ND	0.181/4	N/A
AFLATOXIN G1		ND	0.155/4	N/A
AFLATOXIN G2		ND	0.934/4	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.385/4	PASS

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // DEC 30, 2021

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.51	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 30, 2021

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 // DEC 31, 2021

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
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // DEC 31, 2021

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 // DEC 30, 2021

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		13.80	N/A

