

CERTIFICATE OF ANALYSIS

PRODUCED: MAR 04, 2022

SAMPLE: BLUE DREAM (CONCENTRATE) // CLIENT: APEX // BATCH: PASS



BATCH NO.: AG.BD.021422.001
METRC UID: 1A406030000585D000006838
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: BCL-220301-019
COLLECTED ON: MAR 01, 2022
RECEIVED ON: MAR 01, 2022
BATCH/SAMPLE SIZE: 1996 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	84.88172 %
TOTAL CBD:	0.15947 %
SUM OF CANNABINOIDS:	86.72814 %

MANUFACTURER INFO

MANUFACTURER
 APEX SOLUTIONS INCORPORATED
 8435 BALDWIN ST
 OAKLAND, CA 94621

LICENSE
 CDPH-10002456
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 APEX SOLUTIONS
 8435 BALDWIN ST
 OAKLAND, CA 94621

LICENSE
 C11-0000139-LIC
 ADULT-USE AND MEDICINAL -
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BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAR 03, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.68426 %	6.8426 mg/g	0.022/0.4999	N/A
CBCA	ND	ND	0.06299/0.4999	N/A
CBD	0.15947 %	1.5947 mg/g	0.03099/0.4999	N/A
CBDA	ND	ND	0.016/0.4999	N/A
CBDV	ND	ND	0.024/0.4999	N/A
CBDVA	ND	ND	0.016/0.4999	N/A
CBG	0.57988 %	5.7988 mg/g	0.02899/0.4999	N/A
CBGA	ND	ND	0.02/0.4999	N/A
CBN	0.13597 %	1.3597 mg/g	0.016/0.4999	N/A
Δ ⁸ -THC	ND	ND	0.05799/0.4999	N/A
Δ ⁹ -THC	84.88172 %	848.8172 mg/g	0.04199/0.4999	N/A
THCA	ND	ND	0.02999/0.4999	N/A
THCV	0.28684 %	2.8684 mg/g	0.03299/0.4999	N/A
THCVA	ND	ND	0.023/0.4999	N/A
TOT THC **	84.88172 %	848.8172 mg/g		N/A
TOT CBD **	0.15947 %	1.5947 mg/g		N/A
CBD/PKG	1.59 mg			N/A
Δ ⁹ -THC/PKG	848.82 mg			PASS
TOT CBD/PKG **	1.59 mg			N/A
TOT THC/PKG **	848.82 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // MAR 03, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	7.00299 %	70.0299 mg/g		N/A
β-MYRCENE	2.61032 %	26.1032 mg/g	0.00036/0.13354	N/A
α-PINENE	2.05179 %	20.5179 mg/g	0.00021/0.13354	N/A
D-LIMONENE	0.65779 %	6.5779 mg/g	0.00024/0.13354	N/A
LINALOOL	0.19653 %	1.9653 mg/g	0.00035/0.13354	N/A
β-PINENE	0.19335 %	1.9335 mg/g	0.00216/0.13354	N/A
β-CARYOPHYLLENE	0.80040 %	8.0040 mg/g	0.00183/0.13354	N/A
α-HUMULENE	0.28510 %	2.8510 mg/g	0.00045/0.13354	N/A
CAMPHENE	0.08481 %	0.8481 mg/g	0.00021/0.13354	N/A
α-BISABOLOL	0.04687 %	0.4687 mg/g	0.00416/0.13354	N/A
TERPINOLENE	0.02773 %	0.2773 mg/g	0.00028/0.13354	N/A
EUCALYPTOL	0.01851 %	0.1851 mg/g	0.00045/0.13354	N/A
α-TERPINENE	0.01532 %	0.1532 mg/g	0.00029/0.13354	N/A
γ-TERPINENE	0.01447 %	0.1447 mg/g	0.00045/0.13354	N/A
β-OCIMENE	ND	ND	0.00048/0.09214	N/A
Δ ³ -CARENE	ND	ND	0.00044/0.13354	N/A
GERANIOL	ND	ND	0.00028/0.13354	N/A
GUAIOL	ND	ND	0.00261/0.13354	N/A
ISOPULEGOL	ND	ND	0.00052/0.13354	N/A
α-OCIMENE	ND	ND	0.00129/0.0414	N/A
P-CYMENE	ND	ND	0.00026/0.13354	N/A

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

** TOTAL THC = (THCA X 0.877) + THC



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.
 SCIENCE DIRECTOR, BELCOSTA LABS
 MAR 04, 2022

BCL-13: PESTICIDE TESTING BY GC/MS // MAR 03, 2022

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 // MAR 03, 2022

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	< LOQ	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 // MAR 03, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.14731/0.51387	PASS
ACETONE	5000 µg/g	< LOQ	16.58102/51.38746	PASS
ACETONITRILE	410 µg/g	ND	14.71394/51.38746	PASS
BENZENE	1 µg/g	ND	0.06509/0.51387	PASS
BUTANE	5000 µg/g	ND	15.51559/51.38746	PASS
CHLOROFORM	1 µg/g	ND	0.15074/0.51387	PASS
ETHANOL	5000 µg/g	ND	12.72011/51.38746	PASS
ETHYL ACETATE	5000 µg/g	ND	15.70743/51.38746	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.16444/0.51387	PASS
ETHYL ETHER	5000 µg/g	ND	13.83693/51.38746	PASS
HEPTANE	5000 µg/g	ND	12.10689/51.38746	PASS
HEXANE	290 µg/g	ND	18.63995/85.64577	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	12.84687/51.38746	PASS
METHANOL	3000 µg/g	ND	11.52107/51.38746	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.13018/0.51387	PASS
PENTANE	5000 µg/g	ND	28.33162/85.64577	PASS
PROPANE	5000 µg/g	ND	14.63857/51.38746	PASS
TOLUENE	890 µg/g	< LOQ	8.08839/51.38746	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.06852/0.51387	PASS
O-XYLENE		ND	3.83008/25.69373	N/A
P- AND M-XYLENE		ND	3.54916/25.69373	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // MAR 03, 2022

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-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAR 02, 2022

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 03, 2022

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 // MAR 03, 2022

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

