REGULATORY COMPLIANCE TESTING

GREEN PRECISION ANALYTICS // 8248 NW 101ST TER SUITE #8 KANSAS CITY MO 64153 // PH: 816-442-8238

MO LICENSE #: TES000011

CERTIFICATE OF ANALYSIS

PRODUCED: APR 30, 2025

SAMPLE: M00002099344: BULK INFUSED PREROLL | 0.5G, 5PK | SHORTBREAD | FROZEN DESSERT (INFUSED FLOWER) // **CLIENT**: GOOD DAY FARM // **BATCH**: PASS

BATCH NO.: 1A40C0300003DBA000276732
METRC SRC TAG: 1A40C0300003DBA000276732
METRC TESTING TAG: 1A40C0300003DBA000276733
MATRIX: INFUSED FLOWER
CATEGORY: INHALABLE
SAMPLE ID: GPA-250428-023
COLLECTED ON: APR 28, 2025
RECEIVED ON: APR 28, 2025
BATCH/SAMPLE SIZE: 2567 UNITS / 13 UNITS
RECEIVED BY: DAIN BURRIS
SERVING/PACKAGE SIZE: .25 G / 2.5 G

CANNABINOID OVERVIEW

Δ^9-THC PER SERVING:	**40.33 mg**
CBD PER SERVING:	**< LOQ**
TOTAL CANNABINOIDS:	**88.11 mg**

CULTIVATOR INFO

CULTIVATOR
BOOTHEEL CANNACARE COLUMBIA
5301 PARIS RD
COLUMBIA, MO 65202

LICENSE
CUL000003
MEDICINAL - CULTIVATOR LICENSE

MANUFACTURER INFO

MANUFACTURER
BOOTHEEL CANNACARE
5301 PARIS RD
COLUMBIA, MO 65202

LICENSE
MAN000030
MEDICINAL - MANUFACTURING LICENSE

BATCH RESULT: PASS

ADDITIVES	PASS	**MOISTURE**	PASS
POTENCY	TESTED	**MYCOTOXINS**	PASS
FOREIGN	PASS	**PESTICIDES**	PASS
METALS	PASS	**SOLVENTS**	PASS
MICROBIAL	PASS	**WATER**	PASS

CANNABINOID PROFILE BY UPLC-UV // APR 29, 2025

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		0.2197 %	2.197 mg/g	0.05000/0.1600	N/A
CBCA		0.2576 %	2.576 mg/g	0.01000/0.03000	N/A
CBD		< LOQ	< LOQ	0.1600/0.5000	N/A
CBDA		0.04483 %	0.4483 mg/g	0.09000/0.2700	N/A
CBDV		ND	ND	0.09000/0.2600	N/A
CBDVA		ND	ND	0.06000/0.1900	N/A
CBG		0.5416 %	5.416 mg/g	0.1300/0.3800	N/A
CBGA		0.6070 %	6.070 mg/g	0.1000/0.3100	N/A
CBN		0.1675 %	1.675 mg/g	0.07000/0.2000	N/A
Δ^8-THC		ND	ND	0.2400/3.000	N/A
Δ^9-THC		16.13 %	161.3 mg/g	0.2200/0.6600	N/A
THCA		17.06 %	170.6 mg/g	0.01000/0.04000	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
THCV		0.1264 %	1.264 mg/g	0.1000/0.3100	N/A
THCVA		0.09039 %	0.9039 mg/g	0.1900/0.5600	N/A
TOTAL THC**		31.09 %	310.9 mg/g		N/A
TOTAL CBD**		0.03932 %	0.3932 mg/g		N/A
CBD/SRV		< LOQ			N/A
Δ^9-THC/SRV		40.33 mg			N/A
TOTAL THC/SRV**		77.73 mg			N/A
TOTAL CBD/SRV**		0.09830 mg			N/A
CBD/PKG		< LOQ			N/A
Δ^9-THC/PKG		403.3 mg			N/A
TOTAL THC/PKG**		777.3 mg			N/A
TOTAL CBD/PKG**		0.9830 mg			N/A

** TOTAL THC = (THCA X 0.877) + DELTA-9-THC
** TOTAL CBD = (CBDA X 0.877) + CBD
DRY-WEIGHT AMOUNTS SHOWN

MOISTURE CONTENT BY MOISTURE BALANCE // APR 29, 2025

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE	5 - 15 %	9.280	PASS

WATER ACTIVITY BY HYGROMETER // APR 29, 2025

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.4300	PASS

RESULTS CERTIFIED BY: CULLEN MILLER
LABORATORY DIRECTOR, GREEN PRECISION ANALYTICS
APR 30, 2025

HEAVY METAL TESTING BY ICP-MS // APR 29, 2025

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	0.006715	0.0005000/0.001000	PASS
CADMIUM	0.2 µg/g	0.004646	0.0005000/0.001000	PASS
CHROMIUM	0.6 µg/g	0.1119	0.0005000/0.001000	PASS
LEAD	0.5 µg/g	0.01115	0.0005000/0.001000	PASS
MERCURY	0.1 µg/g	0.001395	0.0001000/0.0002000	PASS

MICROBIAL ANALYSIS BY QPCR // APR 30, 2025

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS SPP.	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

FOREIGN MATTER TESTING BY MICROSCOPY // APR 29, 2025

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
FOREIGN MATTER	2 %	ND	PASS
STEMS	5 %	ND	PASS

RESIDUAL SOLVENTS TESTING BY GC-MS/MS // APR 30, 2025

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	2 µg/g	ND	0.1130/0.3410	PASS
ACETONE	750 µg/g	15.45	1.667/5.053	PASS
ACETONITRILE	60 µg/g	ND	7.143/21.65	PASS
BENZENE	1 µg/g	ND	0.04200/0.1260	PASS
BUTANE	800 µg/g	ND	3.468/10.51	PASS
CHLOROFORM	2 µg/g	ND	0.1820/0.5520	PASS
ETHANOL	1000 µg/g	ND	2.964/8.982	PASS
ETHYL ACETATE	400 µg/g	ND	2.218/6.722	PASS
ETHYLENE OXIDE	5 µg/g	ND	0.3170/0.9610	PASS
ETHYL ETHER	500 µg/g	ND	2.416/7.320	PASS
HEPTANE	500 µg/g	ND	2.304/6.982	PASS
HEXANE	50 µg/g	ND	3.201/9.701	PASS
ISOPROPYL ALCOHOL	500 µg/g	ND	3.626/10.99	PASS
METHANOL	250 µg/g	ND	5.557/16.84	PASS
METHYLENE CHLORIDE	125 µg/g	ND	0.03400/0.1030	PASS
PENTANE	750 µg/g	ND	2.916/8.836	PASS
PROPANE	2100 µg/g	ND	4.097/12.42	PASS
TOLUENE	150 µg/g	ND	3.050/9.241	PASS
TRICHLOROETHYLENE	25 µg/g	ND	0.05400/0.1640	PASS
O-XYLENE		ND		N/A
P- AND M-XYLENE		ND		N/A
TOTAL XYLENES	150 µg/g	ND	7.478/22.66	PASS

MYCOTOXIN TESTING BY LC-MS/MS // APR 30, 2025

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.420/4.300	N/A
AFLATOXIN B2		ND	1.270/3.850	N/A
AFLATOXIN G1		ND	1.730/5.240	N/A
AFLATOXIN G2		ND	1.380/4.180	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	3.620/10.98	PASS

PESTICIDE TESTING BY LC-MS/MS // APR 30, 2025

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND	0.03691/0.1119	PASS
ACEPHATE	0.4 µg/g	ND	0.02088/0.06328	PASS
ACEQUINOCYL	2 µg/g	ND	0.03553/0.1077	PASS
ACETAMIPRID	0.2 µg/g	ND	0.009370/0.02838	PASS
ALDICARB	0.4 µg/g	ND	0.03054/0.09256	PASS
AZOXYSTROBIN	0.2 µg/g	ND	0.02597/0.07870	PASS
BIFENAZATE	0.2 µg/g	ND	0.01462/0.04430	PASS
BIFENTHRIN	0.2 µg/g	ND	0.04703/0.1425	PASS
BOSCALID	0.4 µg/g	ND	0.02658/0.08055	PASS
CARBARYL	0.2 µg/g	ND	0.009920/0.03005	PASS
CARBOFURAN	0.2 µg/g	ND	0.008910/0.02700	PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND	0.01000/0.02000	PASS
CHLORFENAPYR	1 µg/g	ND	0.06244/0.1892	PASS
CHLORMEQUAT CL	0.2 µg/g	ND	0.006510/0.01974	PASS
CHLORPYRIFOS	0.2 µg/g	ND	0.01772/0.05371	PASS
CLOFENTEZINE	0.2 µg/g	ND	0.02230/0.06756	PASS
CYFLUTHRIN	1 µg/g	ND	0.07465/0.2262	PASS
CYPERMETHRIN	1 µg/g	ND	0.03344/0.1013	PASS
DAMINOZIDE	1 µg/g	ND	0.01702/0.05158	PASS
DIAZINON	0.2 µg/g	ND	0.02114/0.06407	PASS
DICHLORVOS	1 µg/g	ND	0.02094/0.06345	PASS
DIMETHOATE	0.2 µg/g	ND	0.01062/0.03219	PASS
ETHOPROPHOS	0.2 µg/g	ND	0.007760/0.02352	PASS
ETOFENPROX	0.4 µg/g	ND	0.01958/0.05932	PASS
ETOXAZOLE	0.2 µg/g	ND	0.009670/0.02931	PASS
FENOXYCARB	0.2 µg/g	ND	0.009740/0.02950	PASS
FENPYROXIMATE	0.4 µg/g	ND	0.02431/0.07366	PASS
FIPRONIL	0.4 µg/g	ND	0.03877/0.1175	PASS
FLONICAMID	1 µg/g	ND	0.02196/0.06655	PASS
FLUDIOXONIL	0.4 µg/g	ND	0.08335/0.2526	PASS
HEXYTHIAZOX	1 µg/g	ND	0.01474/0.04466	PASS
IMAZALIL	0.2 µg/g	ND	0.008850/0.02681	PASS
IMIDACLOPRID	0.4 µg/g	ND	0.01518/0.04599	PASS
KRESOXIM-METHYL	0.4 µg/g	ND	0.01845/0.05592	PASS
MALATHION	0.2 µg/g	ND	0.01412/0.04278	PASS
METALAXYL	0.2 µg/g	ND	0.008100/0.02454	PASS
METHIOCARB	0.2 µg/g	ND	0.009680/0.02934	PASS
METHOMYL	0.4 µg/g	ND	0.007170/0.02172	PASS
METHYL PARATHION	0.2 µg/g	ND	0.04763/0.1443	PASS
MGK-264	0.2 µg/g	ND	0.02057/0.06234	PASS
MYCLOBUTANIL	0.2 µg/g	ND	0.01239/0.03755	PASS
NALED	0.5 µg/g	ND	0.01773/0.05372	PASS
OXAMYL	1 µg/g	ND	0.01032/0.03128	PASS
PACLOBUTRAZOL	0.4 µg/g	ND	0.01293/0.03917	PASS
PERMETHRIN	0.2 µg/g	ND		PASS
PERMETHRIN CIS		ND		N/A
PERMETHRIN TRANS		ND		N/A
PHOSMET	0.2 µg/g	ND	0.01072/0.03249	PASS
PIPERONYLBUTO-XIDE	2 µg/g	ND	0.01549/0.04694	PASS
PRALLETHRIN	0.2 µg/g	ND	0.02359/0.07149	PASS
PROPICONAZOLE	0.4 µg/g	ND	0.01497/0.04536	PASS
PROPOXUR	0.2 µg/g	ND	0.01071/0.03244	PASS
PYRETHRINS CINERIN I		ND		N/A
PYRETHRINS JASMOLIN I		ND		N/A
PYRETHRINS PYRETHRIN I	1 µg/g	ND	0.01683/0.05100	PASS
PYRIDABEN	0.2 µg/g	ND	0.01780/0.05393	PASS
SPINOSAD	0.2 µg/g	ND		PASS
SPINOSAD A		ND	0.03196/0.09686	N/A
SPINOSAD D		ND	0.03877/0.1175	N/A
SPIROMESIFEN	0.2 µg/g	ND	0.01725/0.05226	PASS
SPIROTETRAMAT	0.2 µg/g	ND	0.01591/0.04822	PASS
SPIROXAMINE	0.4 µg/g	ND	0.01024/0.03104	PASS
TEBUCONAZOLE	0.4 µg/g	ND	0.009000/0.02728	PASS
THIACLOPRID	0.2 µg/g	ND	0.007530/0.02283	PASS
THIAMETHOXAM	0.2 µg/g	ND	0.007600/0.02303	PASS
TRIFLOXYSTROB-IN	0.2 µg/g	ND	0.02527/0.07657	PASS

VITAMIN E ACETATE // APR 29, 2025

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
VITAMIN E ACETATE	5 µg/g	0.1940	0.002460/0.007460	PASS

ACCREDITATIONS

CERT # 6318.01

ISO/IEC 17025:2017

A2LA ACCREDITED

PESTICIDE TESTING BY LC-MS/MS
ABAMECTIN, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORFENAPYR, CHLORMEQUAT CL, CHLORPYRIFOS, CLOFENTEZINE, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MGK-264, MALATHION, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PERMETHRIN, PERMETHRIN CIS, PERMETHRIN TRANS, PHOSMET, PIPERONYLBUTOXIDE, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS CINERIN I, PYRETHRINS JASMOLIN I, PYRETHRINS PYRETHRIN I, PYRETHRINS PYRETHRIN II, PYRIDABEN, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

RESIDUAL SOLVENTS TESTING BY GC-MS/MS
1,1-DICHLOROETHANE, 1,2-DICHLOROETHANE, ACETONE, ACETONITRILE, BENZENE, BUTANE, BUTANES, CHLOROFORM, ETHANOL, ETHYL ACETATE, ETHYL ETHER, ETHYLENE OXIDE, HEPTANE, HEXANE, HEXANES, ISOPROPYL ALCOHOL, METHANOL, METHYLENE CHLORIDE, PENTANE, PENTANES, PROPANE, TOLUENE, TOTAL XYLENES, TRICHLOROETHYLENE, O-XYLENE, P- AND M-XYLENE

CANNABINOID PROFILE BY UPLC-UV
CBC, CBCA, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBN, DELTA-8-THC, DELTA-9-THC, THCA, THCV, THCVA, TOTAL CBD, TOTAL THC

MICROBIAL ANALYSIS BY QPCR
ASPERGILLUS SPP., ESCHERICHIA COLI, SALMONELLA SPP., SHIGA TOXIN-PRODUCING E. COLI

MYCOTOXIN TESTING BY LC-MS/MS
AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, AFLATOXINS, OCHRATOXIN A

HEAVY METAL TESTING BY ICP-MS
ARSENIC, CADMIUM, CHROMIUM, LEAD, MERCURY

FOREIGN MATTER TESTING BY MICROSCOPY
FOREIGN MATTER, STEMS

VITAMIN E ACETATE
VITAMIN E ACETATE

WATER ACTIVITY BY HYGROMETER
WATER ACTIVITY

MOISTURE CONTENT BY MOISTURE BALANCE
MOISTURE