



## CERTIFICATE OF ANALYSIS

PRODUCED: DEC 03, 2024

**SAMPLE:** M00001303801: BULK PREROLL | GOVERNMENT OASIS PREROLL | 0.7G, 5PK (PRE-ROLL) // **CLIENT:** GOOD DAY FARM // **BATCH:** PASS



**BATCH NO.:** 1A40C030003DBA000218882  
**METRC SRC TAG:** 1A40C030003DBA000218882  
**METRC TESTING TAG:** 1A40C030003DBA000218883  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** GPA-241129-020  
**COLLECTED ON:** NOV 29, 2024  
**RECEIVED ON:** NOV 29, 2024  
**BATCH/SAMPLE SIZE:** 3705 UNITS / 20 UNITS  
**RECEIVED BY:** DAIN BURRIS  
**SERVING/PACKAGE SIZE:** .25 G / 3.5 G

## CANNABINOID OVERVIEW

<b>Δ<sup>9</sup>-THC PER SERVING:</b>	< LOQ
<b>CBD PER SERVING:</b>	0 mg
<b>TOTAL CANNABINOIDS:</b>	71.83 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

<b>POTENCY</b>	TESTED	<b>MYCOTOXINS</b>	PASS
<b>FOREIGN</b>	PASS	<b>PESTICIDES</b>	PASS
<b>METALS</b>	PASS	<b>SOLVENTS</b>	PASS
<b>MICROBIAL</b>	PASS	<b>WATER</b>	PASS
<b>MOISTURE</b>	PASS		

## CANNABINOID PROFILE BY UPLC-UV // DEC 02, 2024

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ		< LOQ	0.2100/0.6300	N/A
CBCA	0.1741 %	1.741 mg/g		0.04000/0.1100	N/A
CBD	ND		ND	0.6500/1.980	N/A
CBDA	< LOQ		< LOQ	0.3500/1.070	N/A
CBDV	< LOQ		< LOQ	0.3500/1.050	N/A
CBDVA	ND		ND	0.2500/0.7600	N/A
CBG	< LOQ		< LOQ	0.5000/1.520	N/A
CBGA	0.7276 %	7.276 mg/g		0.4100/1.240	N/A
CBN	ND		ND	0.2600/0.8000	N/A
Δ <sup>8</sup> -THC	ND		ND	0.9700/2.950	N/A
Δ <sup>9</sup> -THC	< LOQ		< LOQ	0.8800/2.650	N/A
THCA	27.83 %	278.3 mg/g		0.05000/0.1400	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
THCV			ND	ND	0.4100/1.240
THCVA			< LOQ	< LOQ	0.7400/2.240
<b>TOTAL THC**</b>		24.41 %	244.1 mg/g		N/A
<b>TOTAL CBD**</b>		< LOQ	< LOQ		N/A
<b>CBD/SRV</b>			ND		N/A
<b>Δ<sup>9</sup>-THC/SRV</b>			< LOQ		N/A
<b>TOTAL THC/SRV**</b>		61.03 mg			N/A
<b>TOTAL CBD/SRV**</b>		< LOQ			N/A
<b>CBD/PKG</b>			ND		N/A
<b>Δ<sup>9</sup>-THC/PKG</b>			< LOQ		N/A
<b>TOTAL THC/PKG**</b>		854.4 mg			N/A
<b>TOTAL CBD/PKG**</b>		< LOQ			N/A

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

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

DRY-WEIGHT AMOUNTS SHOWN

## MOISTURE CONTENT BY MOISTURE BALANCE // DEC 02, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE	5 - 15 %	9.840	PASS

## WATER ACTIVITY BY HYGROMETER // DEC 02, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.2800	PASS

# REGULATORY COMPLIANCE TESTING

RESULTS CERTIFIED BY: CULLEN MILLER  
LABORATORY DIRECTOR, GREEN PRECISION ANALYTICS  
DEC 03, 2024

Cullen J. Miller



**HEAVY METAL TESTING BY ICP-MS // DEC 02, 2024**

ANALYTE	LIMIT	AMT ( $\mu\text{g/g}$ )	LOD/LOQ ( $\mu\text{g/g}$ )	PASS/FAIL
ARSENIC	0.2 $\mu\text{g/g}$	0.006093	0.0005000/0.001000	PASS
CADMIUM	0.2 $\mu\text{g/g}$	0.02046	0.0005000/0.001000	PASS
CHROMIUM	0.6 $\mu\text{g/g}$	0.03805	0.0005000/0.001000	PASS

**MICROBIAL ANALYSIS BY QPCR // DEC 02, 2024**

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
ASPERGILLUS SPP.	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

**FOREIGN MATTER TESTING BY MICROSCOPY // DEC 02, 2024**

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

**RESIDUAL SOLVENTS TESTING BY GC-MS/MS // DEC 03, 2024**

ANALYTE	LIMIT	AMT ( $\mu\text{g/g}$ )	LOD/LOQ ( $\mu\text{g/g}$ )	PASS/FAIL
1,2-DICHLOROETHANE	2 $\mu\text{g/g}$	ND	0.1130/0.3410	PASS
ACETONE	750 $\mu\text{g/g}$	ND	1.667/5.053	PASS
ACETONITRILE	60 $\mu\text{g/g}$	ND	7.143/21.65	PASS
BENZENE	1 $\mu\text{g/g}$	ND	0.04200/0.1260	PASS
BUTANE	800 $\mu\text{g/g}$	ND	3.468/10.51	PASS
CHLOROFORM	2 $\mu\text{g/g}$	ND	0.1820/0.5520	PASS
ETHANOL	1000 $\mu\text{g/g}$	ND	2.964/8.982	PASS
ETHYL ACETATE	400 $\mu\text{g/g}$	ND	2.218/6.722	PASS
ETHYLENE OXIDE	5 $\mu\text{g/g}$	ND	0.3170/0.9610	PASS
ETHYL ETHER	500 $\mu\text{g/g}$	ND	2.416/7.320	PASS
HEPTANE	500 $\mu\text{g/g}$	ND	2.304/6.982	PASS

**MYCOTOXIN TESTING BY LC-MS/MS // DEC 02, 2024**

ANALYTE	LIMIT	AMT ( $\mu\text{g/kg}$ )	LOD/LOQ ( $\mu\text{g/kg}$ )	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	

ANALYTE	LIMIT	AMT ( $\mu\text{g/g}$ )	LOD/LOQ ( $\mu\text{g/g}$ )	PASS/FAIL
LEAD	0.5 $\mu\text{g/g}$	0.01230	0.0005000/0.001000	PASS
MERCURY	0.1 $\mu\text{g/g}$	0.001408	0.0001000/0.0002000	PASS

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

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

ANALYTE	LIMIT	AMT ( $\mu\text{g/g}$ )	LOD/LOQ ( $\mu\text{g/g}$ )	PASS/FAIL
HEXANE	50 $\mu\text{g/g}$	ND	3.201/9.701	PASS
ISOPROPYL ALCOHOL	500 $\mu\text{g/g}$	ND	3.626/10.99	PASS
METHANOL	250 $\mu\text{g/g}$	39.70	5.557/16.84	PASS
METHYLENE CHLORIDE	125 $\mu\text{g/g}$	ND	0.03400/0.1030	PASS
PENTANE	750 $\mu\text{g/g}$	ND	2.916/8.836	PASS
PROPANE	2100 $\mu\text{g/g}$	ND	4.097/12.42	PASS
TOLUENE	150 $\mu\text{g/g}$	ND	3.050/9.241	PASS
TRICHLOROETHYLENE	25 $\mu\text{g/g}$	ND	0.05400/0.1640	PASS
O-XYLENE		ND		N/A
P- AND M-XYLENE		ND		N/A
TOTAL XYLENES	150 $\mu\text{g/g}$	ND	7.478/22.66	PASS

ANALYTE	LIMIT	AMT ( $\mu\text{g/kg}$ )	LOD/LOQ ( $\mu\text{g/kg}$ )	PASS/FAIL
AFLATOXIN G2	ND	1.380/4.180	N/A	
AFLATOXINS	20 $\mu\text{g/kg}$	ND		PASS
OCHRATOXIN A	20 $\mu\text{g/kg}$	ND	3.620/10.98	PASS



## PESTICIDE TESTING BY LC-MS/MS // DEC 02, 2024

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
DAZINON	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
ETOGENPROX	0.4 µg/g	ND	0.01958/0.05932	PASS
ETOXAazole	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

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
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	N/A	PASS
PERMETHRIN CIS		ND	N/A	N/A
PERMETHRIN TRANS		ND	N/A	N/A
PHOSMET	0.2 µg/g	ND	0.01072/0.03249	PASS
PIPERONYLBUTOXIDE	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	N/A
PYRETHRINS JASMOLIN I		ND	N/A	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	N/A	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

## ACCREDITATIONS



## 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, ETOGENPROX, ETOXAazole, 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 CINERIN I, PYRETHRINS JASMOLIN I, PYRETHRINS PYRETHRIN I, PYRETHRINS PYRETHRIN II, PYRIDABEN, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACLOPRID, THIAMETHOXAM, TRIFLOXYSTROB-  
IN

## 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

## WATER ACTIVITY BY HYGROMETER

WATER ACTIVITY

## MOISTURE CONTENT BY MOISTURE BALANCE

MOISTURE

