



# CERTIFICATE OF ANALYSIS

PRODUCED: FEB 28, 2025

**SAMPLE:** M00002020381: GDF BULK 2.0 GUMMIES | BIG AF | 100MG | CRANBERRY GRAPE (EDIBLE SOLID) // **CLIENT:** GOOD DAY FARM  
// **BATCH:** PASS



**BATCH NO.:** 1A40C0300003DBA000252292  
**METRC SRC TAG:** 1A40C0300003DBA000252292  
**METRC TESTING TAG:**  
1A40C0300003DBA000252325  
**MATRIX:** EDIBLE SOLID  
**CATEGORY:** INFUSED  
**SAMPLE ID:** GPA-250225-021  
**COLLECTED ON:** FEB 25, 2025  
**RECEIVED ON:** FEB 25, 2025  
**BATCH/SAMPLE SIZE:** 4841 UNITS / 20 UNITS  
**RECEIVED BY:** DAIN BURRIS  
**SERVING/PACKAGE SIZE:** 22 G / 22 G

## CANNABINOID OVERVIEW

**Δ<sup>9</sup>-THC PER SERVING:** 94.16 mg  
**CBD PER SERVING:** 0 mg  
**TOTAL CANNABINOIDS:** 99.95 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

## CANNABINOID PROFILE BY UPLC-UV // FEB 26, 2025

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.005670 %	0.05670 mg/g	0.01000/0.03000	N/A	
CBCA	< LOQ	< LOQ	0.000/0.03000	N/A	
CBD	ND	ND	0.02000/0.03000	N/A	
CBDA	ND	ND	0.01000/0.03000	N/A	
CBDV	ND	ND	0.01000/0.03000	N/A	
CBDAVA	ND	ND	0.01000/0.03000	N/A	
CBG	0.02067 %	0.2067 mg/g	0.01000/0.03000	N/A	
CBGA	ND	ND	0.01000/0.03000	N/A	
CBN	< LOQ	< LOQ	0.01000/0.03000	N/A	
Δ <sup>8</sup> -THC	ND	ND	0.02000/3.000	N/A	

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
Δ <sup>9</sup> -THC		0.4280 %	4.280 mg/g	0.02000/0.03000	N/A
THCA		< LOQ	< LOQ	0.000/0.03000	N/A
THCV		< LOQ	< LOQ	0.01000/0.03000	N/A
THCVA		ND	ND	0.02000/0.03000	N/A
TOTAL THC**		0.4280 %	4.280 mg/g		N/A
TOTAL CBD**		ND	ND		N/A
CBD/SRV		ND			N/A
Δ <sup>9</sup> -THC/SRV	94.16 mg				N/A
CBD/PKG		ND			N/A
Δ <sup>9</sup> -THC/PKG	94.16 mg				N/A

\*\* TOTAL THC = (THCA X 0.877) + DELTA-9-THC

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

## WATER ACTIVITY BY HYGROMETER // FEB 26, 2025

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.85 Aw	0.3700	PASS



**RESULTS CERTIFIED BY:** CULLEN MILLER  
LABORATORY DIRECTOR, GREEN PRECISION ANALYTICS  
FEB 28, 2025

*Cullen J. Miller*

## HEAVY METAL TESTING BY ICP-MS // FEB 26, 2025

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5 µg/g	0.002554	0.0005000/0.001000	PASS
CADMIUM	0.5 µg/g	ND	0.0005000/0.001000	PASS
CHROMIUM	2 µg/g	0.03262	0.0005000/0.001000	PASS

## MICROBIAL ANALYSIS BY QPCR // FEB 27, 2025

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 // FEB 26, 2025

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

## RESIDUAL SOLVENTS TESTING BY GC-MS/MS // FEB 27, 2025

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	5 µg/g	ND	0.1130/0.3410	PASS
ACETONE	5000 µg/g	ND	1.667/5.053	PASS
ACETONITRILE	410 µg/g	ND	7.143/21.65	PASS
BENZENE	2 µg/g	ND	0.04200/0.1260	PASS
BUTANE	5000 µg/g	ND	3.468/10.51	PASS
CHLOROFORM	60 µg/g	ND	0.1820/0.5520	PASS
ETHANOL	5000 µg/g	ND	2.964/8.982	PASS
ETHYL ACETATE	5000 µg/g	ND	2.218/6.722	PASS
ETHYLENE OXIDE	50 µg/g	ND	0.3170/0.9610	PASS
ETHYL ETHER	5000 µg/g	ND	2.416/7.320	PASS
HEPTANE	5000 µg/g	ND	2.304/6.982	PASS

## MYCOTOXIN TESTING BY LC-MS/MS // FEB 27, 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

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
LEAD	0.5 µg/g	0.1262	0.0005000/0.001000	PASS
MERCURY	3 µg/g	< LOQ	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 (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
HEXANE	290 µg/g	ND	3.201/9.701	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	3.626/10.99	PASS
METHANOL	3000 µg/g	ND	5.557/16.84	PASS
METHYLENE CHLORIDE	600 µg/g	ND	0.03400/0.1030	PASS
PENTANE	5000 µg/g	ND	2.916/8.836	PASS
PROPANE	5000 µg/g	ND	4.097/12.42	PASS
TOLUENE	890 µg/g	ND	3.050/9.241	PASS
TRICHLOROETHYLENE	80 µg/g	ND	0.05400/0.1640	PASS
O-XYLENE		ND		N/A
P- AND M-XYLENE		ND		N/A
TOTAL XYLENES	2170 µg/g	ND	7.478/22.66	PASS

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
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 // FEB 27, 2025

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

## WATER ACTIVITY BY HYGROMETER

WATER ACTIVITY

