



CERTIFICATE OF ANALYSIS

PRODUCED: APR 01, 2025

SAMPLE: INFUSED PREROLL | 0.7G, 3PK | MELON | GUSH MINTS (INFUSED FLOWER) // **CLIENT:** COLUMBIA CARE STEPHENS STATION FACILITY // **BATCH:** PASS



BATCH NO.: 1A40C0300003C29000110207
METRC SRC TAG: 1A40C0300003C29000110207
METRC TESTING TAG:
1A40C0300003C29000110208
CULTIVAR: GUSH MINTS
MATRIX: INFUSED FLOWER
CATEGORY: INHALABLE
SAMPLE ID: GPA-250328-078
COLLECTED ON: MAR 28, 2025
RECEIVED ON: MAR 28, 2025
BATCH/SAMPLE SIZE: 3284 UNITS / 20 UNITS
RECEIVED BY: DAIN BURRIS

SERVING/PACKAGE SIZE: 25 G / 2.1 G
MANUFACTURER INFO

CULTIVATOR INFO

CULTIVATOR
COLUMBIA CARE MO LLC
6815 STEPHENS STATION RD.
COLUMBIA, MO 65202

LICENSE
MAN000036
ADULT-USE AND MEDICINAL -
CULTIVATOR LICENSE

MANUFACTURER
COLUMBIA CARE MO LLC
6815 STEPHENS STATION RD.
COLUMBIA, MO 65202

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MANUFACTURING LICENSE

CANNABINOID OVERVIEW

Δ⁹-THC PER SERVING:	41.08 mg
CBD PER SERVING:	0.2898 mg
TOTAL CANNABINOIDS:	101.66 mg

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 // MAR 31, 2025

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.2430 %	2.430 mg/g	0.05000/0.1600	N/A	
CBCA	0.2261 %	2.261 mg/g	0.01000/0.03000	N/A	
CBD	0.1159 %	1.159 mg/g	0.1600/0.5000	N/A	
CBDA	0.1231 %	1.231 mg/g	0.09000/0.2700	N/A	
CBDV	0.1083 %	1.083 mg/g	0.09000/0.2600	N/A	
CBDVA	ND	ND	0.06000/0.1900	N/A	
CBG	0.6905 %	6.905 mg/g	0.1300/0.3800	N/A	
CBGA	0.5454 %	5.454 mg/g	0.1000/0.3100	N/A	
CBN	0.2044 %	2.044 mg/g	0.07000/0.2000	N/A	
Δ ⁸ -THC	ND	ND	0.2400/3.000	N/A	
Δ ⁹ -THC	16.43 %	164.3 mg/g	0.2200/0.6600	N/A	
THCA	21.55 %	215.5 mg/g	0.01000/0.04000	N/A	

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
THCV			0.2106 %	2.106 mg/g	0.1000/0.3100
THCVA			0.2168 %	2.168 mg/g	0.1900/0.5600
TOTAL THC**			35.33 %	353.3 mg/g	N/A
TOTAL CBD**			0.2239 %	2.239 mg/g	N/A
CBD/SRV			0.2898 mg		N/A
Δ⁹-THC/SRV			41.08 mg		N/A
TOTAL THC/SRV**			88.33 mg		N/A
TOTAL CBD/SRV**			0.5598 mg		N/A
CBD/PKG			2.434 mg		N/A
Δ⁹-THC/PKG			345.0 mg		N/A
TOTAL THC/PKG**			741.9 mg		N/A
TOTAL CBD/PKG**			4.702 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 // MAR 31, 2025

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE	5 - 15 %	7.410	PASS

WATER ACTIVITY BY HYGROMETER // MAR 31, 2025

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.3600	PASS

REGULATORY COMPLIANCE TESTING

RESULTS CERTIFIED BY: CULLEN MILLER
LABORATORY DIRECTOR, GREEN PRECISION ANALYTICS
APR 01, 2025

Cullen J Miller



HEAVY METAL TESTING BY ICP-MS // MAR 31, 2025

ANALYTE	LIMIT	AMT ($\mu\text{g/g}$)	LOD/LOQ ($\mu\text{g/g}$)	PASS/FAIL
ARSENIC	0.2 $\mu\text{g/g}$	0.007619	0.0005000/0.001000	PASS
CADMIUM	0.2 $\mu\text{g/g}$	0.004545	0.0005000/0.001000	PASS
CHROMIUM	0.6 $\mu\text{g/g}$	0.06350	0.0005000/0.001000	PASS

MICROBIAL ANALYSIS BY QPCR // APR 01, 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 // MAR 31, 2025

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

RESIDUAL SOLVENTS TESTING BY GC-MS/MS // APR 01, 2025

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 $\mu\text{g/g}$	15.90	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 // APR 01, 2025

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 $\mu\text{g/g}$	0.007021	0.0005000/0.001000	PASS
MERCURY	0.1 $\mu\text{g/g}$	0.002012	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 $\mu\text{g/g}$	ND	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 // APR 01, 2025

ANALYTE	LIMIT	AMT ($\mu\text{g/g}$)	LOD/LOQ ($\mu\text{g/g}$)	PASS/FAIL
ABAMECTIN	0.5 $\mu\text{g/g}$	ND	0.03691/0.1119	PASS
ACEPHATE	0.4 $\mu\text{g/g}$	ND	0.02088/0.06328	PASS
ACEQUINOCYL	2 $\mu\text{g/g}$	ND	0.03553/0.1077	PASS
ACETAMIPRID	0.2 $\mu\text{g/g}$	ND	0.009370/0.02838	PASS
ALDICARB	0.4 $\mu\text{g/g}$	ND	0.03054/0.09256	PASS
AZOXYSTROBIN	0.2 $\mu\text{g/g}$	ND	0.02597/0.07870	PASS
BIFENAZATE	0.2 $\mu\text{g/g}$	ND	0.01462/0.04430	PASS
BIFENTHRIN	0.2 $\mu\text{g/g}$	ND	0.04703/0.1425	PASS
BOSCALID	0.4 $\mu\text{g/g}$	ND	0.02658/0.08055	PASS
CARBARYL	0.2 $\mu\text{g/g}$	ND	0.009920/0.03005	PASS
CARBOFURAN	0.2 $\mu\text{g/g}$	ND	0.008910/0.02700	PASS
CHLORANTRANIL- IPROLE	0.2 $\mu\text{g/g}$	ND	0.01000/0.02000	PASS
CHLORFENAPYR	1 $\mu\text{g/g}$	ND	0.06244/0.1892	PASS
CHLORMEQUAT CL	0.2 $\mu\text{g/g}$	ND	0.006510/0.01974	PASS
CHLORPYRIFOS	0.2 $\mu\text{g/g}$	ND	0.01772/0.05371	PASS
CLOFENTEZINE	0.2 $\mu\text{g/g}$	ND	0.02230/0.06756	PASS
CYFLUTHRIN	1 $\mu\text{g/g}$	ND	0.07465/0.2262	PASS
CYPERMETHRIN	1 $\mu\text{g/g}$	ND	0.03344/0.1013	PASS
DAMINOZIDE	1 $\mu\text{g/g}$	ND	0.01702/0.05158	PASS
DAZINON	0.2 $\mu\text{g/g}$	ND	0.02114/0.06407	PASS
DICHLORVOS	1 $\mu\text{g/g}$	ND	0.02094/0.06345	PASS
DIMETHOATE	0.2 $\mu\text{g/g}$	ND	0.01062/0.03219	PASS
ETHOPROPHOS	0.2 $\mu\text{g/g}$	ND	0.007760/0.02352	PASS
ETOGENPROX	0.4 $\mu\text{g/g}$	ND	0.01958/0.05932	PASS
ETOXAZOLE	0.2 $\mu\text{g/g}$	ND	0.009670/0.02931	PASS
FENOXYCARB	0.2 $\mu\text{g/g}$	ND	0.009740/0.02950	PASS
FENPYROXIMATE	0.4 $\mu\text{g/g}$	ND	0.02431/0.07366	PASS
FIPRONIL	0.4 $\mu\text{g/g}$	ND	0.03877/0.1175	PASS
FLONICAMID	1 $\mu\text{g/g}$	ND	0.02196/0.06655	PASS
FLUDIOXONIL	0.4 $\mu\text{g/g}$	ND	0.08335/0.2526	PASS
HEXYTHIAZOX	1 $\mu\text{g/g}$	ND	0.01474/0.04466	PASS
IMAZALIL	0.2 $\mu\text{g/g}$	ND	0.008850/0.02681	PASS
IMIDACLOPRID	0.4 $\mu\text{g/g}$	ND	0.01518/0.04599	PASS

ANALYTE	LIMIT	AMT ($\mu\text{g/g}$)	LOD/LOQ ($\mu\text{g/g}$)	PASS/FAIL
KRESOXIM-METHYL	0.4 $\mu\text{g/g}$	ND	0.01845/0.05592	PASS
MALATHION	0.2 $\mu\text{g/g}$	ND	0.01412/0.04278	PASS
METALAXYL	0.2 $\mu\text{g/g}$	ND	0.008100/0.02454	PASS
METHIOCARB	0.2 $\mu\text{g/g}$	ND	0.009680/0.02934	PASS
METHOMYL	0.4 $\mu\text{g/g}$	ND	0.007170/0.02172	PASS
METHYL PARATHION	0.2 $\mu\text{g/g}$	ND	0.04763/0.1443	PASS
MGK-264	0.2 $\mu\text{g/g}$	ND	0.02057/0.06234	PASS
MYCLOBUTANIL	0.2 $\mu\text{g/g}$	ND	0.01239/0.03755	PASS
NALED	0.5 $\mu\text{g/g}$	ND	0.01773/0.05372	PASS
OXAMYL	1 $\mu\text{g/g}$	ND	0.01032/0.03128	PASS
PACLOBUTRAZOL	0.4 $\mu\text{g/g}$	ND	0.01293/0.03917	PASS
PERMETHRIN	0.2 $\mu\text{g/g}$	ND		PASS
PERMETHRIN CIS		ND		N/A
PERMETHRIN TRANS		ND		N/A
PHOSMET	0.2 $\mu\text{g/g}$	ND	0.01072/0.03249	PASS
PIPERONYLBUTO-XIDE	2 $\mu\text{g/g}$	ND	0.01549/0.04694	PASS
PRALLETHRIN	0.2 $\mu\text{g/g}$	ND	0.02359/0.07149	PASS
PROPICONAZOLE	0.4 $\mu\text{g/g}$	ND	0.01497/0.04536	PASS
PROPOXUR	0.2 $\mu\text{g/g}$	ND	0.01071/0.03244	PASS
PYRETHRINS CINERIN I		ND		N/A
PYRETHRINS JASMOLIN I		ND		N/A
PYRETHRINS PYRETHRIN I	1 $\mu\text{g/g}$	ND	0.01683/0.05100	PASS
PYRIDABEN	0.2 $\mu\text{g/g}$	ND	0.01780/0.05393	PASS
SPINOSAD	0.2 $\mu\text{g/g}$	ND		PASS
SPINOSAD A		ND	0.03196/0.09686	N/A
SPINOSAD D		ND	0.03877/0.1175	N/A
SPIROMESIFEN	0.2 $\mu\text{g/g}$	ND	0.01725/0.05226	PASS
SPIROTETRAMAT	0.2 $\mu\text{g/g}$	ND	0.01591/0.04822	PASS
SPIROXAMINE	0.4 $\mu\text{g/g}$	ND	0.01024/0.03104	PASS
TEBUCONAZOLE	0.4 $\mu\text{g/g}$	ND	0.009000/0.02728	PASS
THIACLOPRID	0.2 $\mu\text{g/g}$	ND	0.007530/0.02283	PASS
THIAMETHOXAM	0.2 $\mu\text{g/g}$	ND	0.007600/0.02303	PASS
TRIFLOXYSTROB-IN	0.2 $\mu\text{g/g}$	ND	0.02527/0.07657	PASS

VITAMIN E ACETATE // MAR 31, 2025

ANALYTE	LIMIT	AMT ($\mu\text{g/g}$)	LOD/LOQ ($\mu\text{g/g}$)	PASS/FAIL
VITAMIN E ACETATE	5 $\mu\text{g/g}$	0.5060	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

