



CERTIFICATE OF ANALYSIS

PRODUCED: APR 21, 2025

SAMPLE: ROSIN GUMMIES - 10PK - BOMB POP 43899 041525 (EDIBLE SOLID) // CLIENT: GF SAINT MARY, LLC // BATCH: PASS



BATCH NO.: ROSIN GUMMIES - 10PK - BOMB POP 43899 041525
METRC SRC TAG: 1A40C0300003CF3000043899
METRC TESTING TAG: 1A40C0300003CF3000043900
MATRIX: EDIBLE SOLID
CATEGORY: INFUSED
SAMPLE ID: GPA-250416-031
COLLECTED ON: APR 16, 2025
RECEIVED ON: APR 16, 2025
BATCH/SAMPLE SIZE: 885 UNITS / 13 UNITS
RECEIVED BY: DAIN BURRIS
SERVING/PACKAGE SIZE: 4.2 G / 42 G

CANNABINOID OVERVIEW

Δ⁹-THC PER SERVING: 23.85 mg**CBD PER SERVING:** < LOQ**TOTAL CANNABINOID:** 25.28 mg

CULTIVATOR INFO

CULTIVATOR
GF SAINT MARY, LLC
7110 NORTH BROADWAY, SUITE V
ST. LOUIS, MO 63147

LICENSE
CUL000028
ADULT-USE AND MEDICINAL -
CULTIVATOR LICENSE

MANUFACTURER INFO

MANUFACTURER
GF SAINT MARY, LLC
7110 NORTH BROADWAY, SUITE V
ST. LOUIS, MO 63147

LICENSE
MAN000065
ADULT-USE AND MEDICINAL -
MANUFACTURING LICENSE

BATCH RESULT: PASS

POTENCY	TESTED	MYCOTOXINS	PASS
FOREIGN	PASS	PESTICIDES	PASS
METALS	PASS	SOLVENTS	PASS
MICROBIAL	PASS	WATER	PASS

CANNABINOID PROFILE BY UPLC-UV // APR 18, 2025

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.006830 %	0.06830 mg/g	0.01000/0.03000	N/A	
CBCA	< LOQ	< LOQ	0.000/0.03000	N/A	
CBD	< LOQ	< LOQ	0.02000/0.03000	N/A	
CBDA	ND	ND	0.01000/0.03000	N/A	
CBDV	ND	ND	0.01000/0.03000	N/A	
CBDVA	ND	ND	0.01000/0.03000	N/A	
CBG	0.02300 %	0.2300 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 ⁸ -THC	ND	ND	0.02000/3.000	N/A	

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

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

WATER ACTIVITY BY HYGROMETER // APR 17, 2025

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.85 Aw	0.6200	PASS



RESULTS CERTIFIED BY: CULLEN MILLER
LABORATORY DIRECTOR, GREEN PRECISION ANALYTICS
APR 21, 2025

HEAVY METAL TESTING BY ICP-MS // APR 17, 2025

ANALYTE	LIMIT	AMT ($\mu\text{g/g}$)	LOD/LOQ ($\mu\text{g/g}$)	PASS/FAIL
ARSENIC	1.5 $\mu\text{g/g}$	ND	0.0005000/0.001000	PASS
CADMUM	0.5 $\mu\text{g/g}$	ND	0.0005000/0.001000	PASS
CHROMIUM	2 $\mu\text{g/g}$	0.09557	0.0005000/0.001000	PASS

MICROBIAL ANALYSIS BY QPCR // APR 18, 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

FOREIGN MATTER TESTING BY MICROSCOPY // APR 17, 2025

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

RESIDUAL SOLVENTS TESTING BY GC-MS/MS // APR 18, 2025

ANALYTE	LIMIT	AMT ($\mu\text{g/g}$)	LOD/LOQ ($\mu\text{g/g}$)	PASS/FAIL
1,2-DICHLOROETHANE	5 $\mu\text{g/g}$	ND	0.1130/0.3410	PASS
ACETONE	5000 $\mu\text{g/g}$	ND	1.667/5.053	PASS
ACETONITRILE	410 $\mu\text{g/g}$	ND	7.143/21.65	PASS
BENZENE	2 $\mu\text{g/g}$	ND	0.04200/0.1260	PASS
BUTANE	5000 $\mu\text{g/g}$	ND	3.468/10.51	PASS
CHLOROFORM	60 $\mu\text{g/g}$	ND	0.1820/0.5520	PASS
ETHANOL	5000 $\mu\text{g/g}$	469.6	2.964/8.982	PASS
ETHYL ACETATE	5000 $\mu\text{g/g}$	ND	2.218/6.722	PASS
ETHYLENE OXIDE	50 $\mu\text{g/g}$	ND	0.3170/0.9610	PASS
ETHYL ETHER	5000 $\mu\text{g/g}$	ND	2.416/7.320	PASS
HEPTANE	5000 $\mu\text{g/g}$	ND	2.304/6.982	PASS

MYCOTOXIN TESTING BY LC-MS/MS // APR 18, 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 $\mu\text{g/g}$	0.07696	0.0005000/0.001000	PASS
MERCURY	3 $\mu\text{g/g}$	0.0002660	0.0001000/0.0002000	PASS

ANALYTE	LIMIT	AMT (CFU)	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	290 $\mu\text{g/g}$	ND	3.201/9.701	PASS
ISOPROPYL ALCOHOL	5000 $\mu\text{g/g}$	ND	3.626/10.99	PASS
METHANOL	3000 $\mu\text{g/g}$	ND	5.557/16.84	PASS
METHYLENE CHLORIDE	600 $\mu\text{g/g}$	ND	0.03400/0.1030	PASS
PENTANE	5000 $\mu\text{g/g}$	ND	2.916/8.836	PASS
PROPANE	5000 $\mu\text{g/g}$	ND	4.097/12.42	PASS
TOLUENE	890 $\mu\text{g/g}$	ND	3.050/9.241	PASS
TRICHLOROETHYLENE	80 $\mu\text{g/g}$	ND	0.05400/0.1640	PASS
O-XYLENE		ND		N/A
P- AND M-XYLENE		ND		N/A
TOTAL XYLENES	2170 $\mu\text{g/g}$	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 18, 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
CHLORANTRANIL-IPROLE	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
DAZINON	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
ETOGENPROX	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



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, DAZINON, DICHLORVOS, DIMETHOATE, ETHOPROPHOS, ETOGENPROX, 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 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

