



Great Southern Beverages

3900 S. Frontage Road, Lakeland, FL 33815
(863) 698-7600

LFT004 - Margarita

Laboratory ID:	JJ09015-03	Sample Date:	10/09/25
Sample Matrix:	Beverage	Received:	10/09/25 13:55
Batch Unit Size:	375 g	Completed:	10/14/25 10:01
Description:	--		

POTENCY SUMMARY (As Received)

<u>Total CBD</u>	<u>Total THC</u>	<u>Total Cannabinoids</u>
0.00282% (10.6 mg)	0.00264% (9.90 mg)	0.00549% (20.6 mg)

Analyte	%	mg
CBD	0.00282	10.6
delta 9-THC	0.00264	9.90
CBDV	0.0000252	0.0945
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Terpenes
Not Tested

ANALYSIS SUMMARY

Potency	PASS	Homogeneity	Not Tested	Terpenes	Not Tested
Residual Solvents	PASS	% Moisture	Not Tested	Water Activity	Not Tested
Foreign Matter	Not Tested	Pesticides	PASS	Mycotoxins	PASS
Heavy Metals	PASS	Microbials	PASS		

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LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

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Laboratory ID: JJ09015-03

Sample Matrix: Beverage

Description: --

Sample Date: 10/9/2025

Received: 10/09/25 13:55

Completed: 10/14/25 10:01

Potency by HPLC

Batch: B5J0927
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 10/9/25 15:07

Ana. By: 1005
Ana. On: 10/10/25 01:39

Initial (g): 10
Final (g): 10

Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL
Total THC	0.00264	1	0.3	0.0000320	0.000469	Total CBD	0.00282	1		0.0000490	0.000469
delta 8-THC	ND	1		0.0000160	0.000250	delta 9-THC	0.00264	1	0.3	0.0000170	0.000250
THCa	ND	1		0.0000170	0.000250	THCV	ND	1		0.0000360	0.000250
CBD	0.00282	1		0.0000330	0.000250	CBDa	ND	1		0.0000200	0.000250
CBDV	0.0000252	1		0.0000220	0.000250	CBC	ND	1		0.0000750	0.000250
CBG	ND	1		0.0000160	0.000250	CBGa	ND	1		0.0000160	0.000250
CBN	ND	1		0.0000190	0.000250						

Residual Solvents by GC/MS-HS

Batch: B5J1014
SOP: MCS-SOP-003

Prep By: 1005
Prep On: 10/10/25 17:01

Ana. By: 1028
Ana. On: 10/10/25 21:30

Initial (g): 0.0216
Final (g): 20

Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	92.6	231	n-Butane	ND	1	5000	92.6	231
Methanol	ND	1	250	23.1	92.6	Ethylene Oxide	ND	1	5	0.463	2.31
Ethanol	774	1	5000	92.6	231	Pentane	ND	1	750	69.4	231
Ethyl Ether	ND	1	500	46.3	231	Acetone	ND	1	750	69.4	231
1,1-Dichloroethylene	ND	1	8	0.284	1.39	Isopropyl Alcohol (2-Propanol)	ND	1	500	46.3	231
Acetonitrile	ND	1	60	5.56	27.8	Methylene Chloride	ND	1	125	11.6	46.3
Hexane	ND	1	250	23.1	116	Ethyl Acetate	ND	1	400	37.0	185
Chloroform	ND	1	2	0.128	0.926	1,2-Dichloroethane	ND	1	2	0.167	0.926
Benzene	ND	1	1	0.0531	0.0926	Heptane	ND	1	5000	92.6	231
Trichloroethene (Trichloroethylene)	ND	1	25	0.249	1.39	Toluene	ND	1	150	13.9	69.4
m/p-Xylenes	ND	1	100	6.94	27.8	o-xylene	ND	1	50	6.94	27.8

LFT004 - Margarita

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Sample Date: 10/9/2025
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Pesticides by LC-QQQ

Batch: B5J0929
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 10/10/25 13:46

Ana. By: 1056
Ana. On: 10/10/25 22:15

Initial (g): 1.0022
Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	12.3	49.9	Acephate	ND	10	3000	9.76	24.9
Acequinocyl	ND	10	2000	11.6	49.9	Acetamiprid	ND	10	3000	15.1	24.9
Aldicarb	ND	10	100	12.9	24.9	Azoxystrobin	ND	10	3000	3.25	9.98
Bifenazate	ND	10	3000	3.67	24.9	Bifenthrin	ND	10	500	9.42	12.5
Boscalid	ND	10	3000	18.2	49.9	Carbaryl	ND	10	500	7.21	24.9
Carbofuran	ND	10	100	2.28	12.5	Chlorantraniliprole	ND	10	3000	5.10	125
Chlormequat chloride	ND	10	3000	9.34	49.9	Chlorpyrifos	ND	10	100	4.42	24.9
Clofentezine	ND	10	500	14.9	24.9	Coumaphos	ND	10	100	4.48	24.9
Cyfluthrin	ND	10	1000	26.7	49.9	Cypermethrin	ND	10	1000	11.3	125
Daminozide	ND	10	100	6.31	49.9	Diazinon	ND	10	200	3.19	12.5
Dichlorvos	ND	10	100	5.78	49.9	Dimethoate	ND	10	100	1.29	12.5
Dimethomorph, Total	ND	10	3000	2.49	49.9	Ethoprophos	ND	10	100	2.36	12.5
Etofenprox	ND	10	100	12.7	24.9	Etoazole	ND	10	1500	15.4	24.9
Fenhexamid	ND	10	3000	5.41	49.9	Fenoxycarb	ND	10	100	4.68	24.9
Fenpyroximate	ND	10	2000	5.51	12.5	Fipronil	ND	10	100	14.3	49.9
Flonicamid	ND	10	2000	6.90	24.9	Fludioxonil	ND	10	3000	11.0	49.9
Hexythiazox	ND	10	2000	5.85	12.5	Imazalil	ND	10	100	9.59	49.9
Imidacloprid	ND	10	3000	17.2	24.9	Kresoxim-Methyl	ND	10	1000	7.60	24.9
Malathion	ND	10	2000	10.7	49.9	Metalaxyl	ND	10	3000	4.46	12.5
Methiocarb	ND	10	100	11.8	24.9	Methomyl	ND	10	100	4.42	12.5
Mevinphos	ND	10	100	9.27	24.9	Myclobutanil	ND	10	3000	16.3	24.9
Dibrom (Naled)	ND	10	500	6.02	49.9	Oxamyl	ND	10	500	2.33	12.5
Paclobutrazol	ND	10	100	12.2	24.9	Permethrin	ND	10	1000	16.3	24.9
Phosmet	ND	10	200	9.15	24.9	Piperonyl butoxide	6.55	10	3000	5.81	12.5
Prallethrin	ND	10	400	5.51	24.9	Propiconazole (Tilt)	ND	10	1000	17.9	49.9
Baygon (Propoxur)	ND	10	100	5.44	12.5	Pyrethrins, Total	ND	10	1000	11.0	49.9
Pyridaben	ND	10	3000	6.24	12.5	Spinetoram, Total	ND	10	3000	11.7	49.9
Spiromesifen	ND	10	3000	2.24	12.5	Spirotetramat	ND	10	3000	6.66	24.9
Spiroxamine	ND	10	100	6.80	12.5	Tebuconazole	ND	10	1000	18.9	24.9
Thiacloprid	ND	10	100	14.4	24.9	Thiamethoxam	ND	10	1000	15.9	24.9
Trifloxystrobin	ND	10	3000	6.03	12.5	Spinosad, Total	ND	10	3000	4.43	36.2

Pesticides by GC-QQQ

Batch: B5J0929
SOP: MCS-SOP-001a

Prep By: 1005
Prep On: 10/10/25 13:46

Ana. By: 1056
Ana. On: 10/10/25 22:29

Initial (g): 1.0022
Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	200	34.2	74.8	Methyl parathion	ND	5	100	17.1	74.8
Captan	ND	5	3000	49.1	74.8	Chlordane, Total	ND	5	100	38.9	74.8
Chlorfenapyr	ND	5	100	43.5	74.8						

Mycotoxins by LC-QQQ

Batch: B5J0929
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 10/10/25 13:46

Ana. By: 1056
Ana. On: 10/10/25 18:12

Initial (g): 1.0022
Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	9.98	9.98	Ochratoxin A	ND	10	20	2.51	9.98
Aflatoxin G2	ND	10	20	7.45	9.98	Aflatoxin G1	ND	10	20	3.23	9.98
Aflatoxin B2	ND	10	20	3.87	9.98	Aflatoxin B1	ND	10	20	2.93	9.98

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Total Metals by ICP-MS

Batch: B5J1008
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 10/13/25 09:11

Ana. By: 1005
Ana. On: 10/13/25 15:59

Initial (g): 0.2506
Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	1500	20.0	99.8	Cadmium	ND	1	500	20.0	99.8
Lead	ND	1	500	49.9	249	Mercury	ND	1	3000	20.0	49.9

Microbials by qPCR

Batch: B5J1011
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 10/10/25 17:13

Ana. By: 1053
Ana. On: 10/11/25 19:33

Initial (g): 1
Final (g): 2.4

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B5J1012
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 10/11/25 11:40

Ana. By: 1005
Ana. On: 10/11/25 12:42

Initial (g): 1.0043
Final (g): 7

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000