



Great Southern Beverages

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

LFT003 - Old Fashioned

Laboratory ID:	JJ07013-01	Sample Date:	10/07/25
Sample Matrix:	Beverage	Received:	10/07/25 13:55
Batch Unit Size:	375 g	Completed:	10/14/25 11:18
Description:	--		

POTENCY SUMMARY (As Received)

<u>Total CBD</u>	<u>Total THC</u>	<u>Total Cannabinoids</u>
0.00294% (11.0 mg)	0.00273% (10.2 mg)	0.00582% (21.8 mg)

Analyte	%	mg
CBD	0.00294	11.0
delta 9-THC	0.00273	10.2
CBG	0.0000722	0.271
CBN	0.0000379	0.142
CBDV	0.0000352	0.132
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBGa	<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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Sample Matrix: Beverage
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Sample Date: 10/7/2025
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Potency by HPLC

Potency by HPLC					Batch: B5J0702		Prep By: 1005		Ana. By: 1005		Initial (g): 10	
					SOP: MCS-SOP-002		Prep On: 10/7/25 16:33		Ana. On: 10/7/25 19:04		Final (g): 10	
Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	
Total THC	0.00273	1	0.3	0.0000320	0.000469	Total CBD	0.00294	1		0.0000490	0.000469	
delta 8-THC	ND	1		0.0000160	0.000250	delta 9-THC	0.00273	1	0.3	0.0000170	0.000250	
THCa	ND	1		0.0000170	0.000250	THCV	ND	1		0.0000360	0.000250	
CBD	0.00294	1		0.0000330	0.000250	CBDa	ND	1		0.0000200	0.000250	
CBDV	0.0000352	1		0.0000220	0.000250	CBC	ND	1		0.0000750	0.000250	
CBG	0.0000722	1		0.0000160	0.000250	CBGa	ND	1		0.0000160	0.000250	
CBN	0.0000379	1		0.0000190	0.000250							

Residual Solvents by GC/MS-HS

Residual Solvents by GC/MS-HS						Batch: 85J1014 SOP: MCS-SOP-003		Prep By: 1005 Prep On: 10/10/25 17:01		Ana. By: 1028 Ana. On: 10/10/25 20:30		Initial (g): 0.0234 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	85.5	214	n-Butane	ND	1	5000	85.5	214		
Methanol	ND	1	250	21.4	85.5	Ethylene Oxide	ND	1	5	0.427	2.14		
Ethanol	1100	1	5000	85.5	214	Pentane	ND	1	750	64.1	214		
Ethyl Ether	ND	1	500	42.7	214	Acetone	ND	1	750	64.1	214		
1,1-Dichloroethylene	ND	1	8	0.262	1.28	Isopropyl Alcohol (2-Propanol)	ND	1	500	42.7	214		
Acetonitrile	ND	1	60	5.13	25.6	Methylene Chloride	ND	1	125	10.7	42.7		
Hexane	ND	1	250	21.4	107	Ethyl Acetate	ND	1	400	34.2	171		
Chloroform	ND	1	2	0.118	0.855	1,2-Dichloroethane	ND	1	2	0.154	0.855		
Benzene	ND	1	1	0.0490	0.0855	Heptane	ND	1	5000	85.5	214		
Trichloroethene (Trichloroethylene)	ND	1	25	0.230	1.28	Toluene	ND	1	150	12.8	64.1		
m/p-Xylenes	ND	1	100	6.41	25.6	o-xylene	ND	1	50	6.41	25.6		

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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 22:28

Initial (g): 1.0015
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	9.77	25.0
Acequinocyl	ND	10	2000	11.7	49.9	Acetamiprid	ND	10	3000	15.1	25.0
Aldicarb	ND	10	100	12.9	25.0	Azoxystrobin	ND	10	3000	3.25	9.99
Bifenazate	ND	10	3000	3.67	25.0	Bifenthrin	ND	10	500	9.42	12.5
Boscalid	ND	10	3000	18.2	49.9	Carbaryl	ND	10	500	7.22	25.0
Carbofuran	ND	10	100	2.29	12.5	Chlorantraniliprole	ND	10	3000	5.10	125
Chlormequat chloride	ND	10	3000	9.35	49.9	Chlorpyrifos	ND	10	100	4.42	25.0
Clofentezine	ND	10	500	14.9	25.0	Coumaphos	ND	10	100	4.49	25.0
Cyfluthrin	ND	10	1000	26.7	49.9	Cypermethrin	ND	10	1000	11.3	125
Daminozide	ND	10	100	6.32	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	2.50	49.9	Ethoprophos	ND	10	100	2.36	12.5
Etofenprox	ND	10	100	12.7	25.0	Etoxazole	ND	10	1500	15.4	25.0
Fenhexamid	ND	10	3000	5.41	49.9	Fenoxycarb	ND	10	100	4.68	25.0
Fenpyroximate	ND	10	2000	5.52	12.5	Fipronil	ND	10	100	14.3	49.9
Flonicamid	ND	10	2000	6.91	25.0	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	17.3	25.0	Kresoxim-Methyl	ND	10	1000	7.61	25.0
Malathion	ND	10	2000	10.7	49.9	Metalaxyl	ND	10	3000	4.47	12.5
Methiocarb	ND	10	100	11.8	25.0	Methomyl	ND	10	100	4.42	12.5
Mevinphos	ND	10	100	9.27	25.0	Myclobutanil	ND	10	3000	16.3	25.0
Dibrom (Naled)	ND	10	500	6.03	49.9	Oxamyl	ND	10	500	2.33	12.5
Paclobutrazol	ND	10	100	12.2	25.0	Permethrin	ND	10	1000	16.3	25.0
Phosmet	ND	10	200	9.16	25.0	Piperonyl butoxide	ND	10	3000	5.81	12.5
Prallethrin	ND	10	400	5.51	25.0	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	6.25	12.5	Spinetoram, Total	ND	10	3000	11.7	49.9
Spiromesifen	ND	10	3000	2.24	12.5	Spirotetramat	ND	10	3000	6.67	25.0
Spiroxamine	ND	10	100	6.81	12.5	Tebuconazole	ND	10	1000	19.0	25.0
Thiacloprid	ND	10	100	14.4	25.0	Thiamethoxam	ND	10	1000	15.9	25.0
Trifloxystrobin	ND	10	3000	6.04	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 22:52

Initial (g): 1.0015
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	74.9	Methyl parathion	ND	5	100	17.1	74.9
Captan	ND	5	3000	49.2	74.9	Chlordane, Total	ND	5	100	38.9	74.9
Chlorfenapyr	ND	5	100	43.5	74.9						

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 18:25

Initial (g): 1.0015
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	9.99	9.99	Ochratoxin A	ND	10	20	2.52	9.99
Aflatoxin G2	ND	10	20	7.46	9.99	Aflatoxin G1	ND	10	20	3.24	9.99
Aflatoxin B2	ND	10	20	3.87	9.99	Aflatoxin B1	ND	10	20	2.94	9.99

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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 15:48

Initial (g): 0.2508
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	19.9	99.7	Cadmium	ND	1	500	19.9	99.7
Lead	ND	1	500	49.8	249	Mercury	ND	1	3000	19.9	49.8

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): 1.005
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): 1.0033
Final (g): 7

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