

Lemon Pound Cake HHC

 Sample ID: SA-220517-9316
 Batch: 3109122
 Type: Finished Products
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 05/19/2022
 Completed: 06/06/2022

Client
 Five Star Juice
 22873 Lockness Ave
 Torrance, CA 90501
 USA


Summary

Test	Date Tested	Status
Cannabinoids	06/01/2022	Tested
Foreign Matter	05/19/2022	Tested
Heavy Metals	05/24/2022	Tested
Microbials	05/23/2022	Tested
Mycotoxins	05/24/2022	Tested
Pesticides	05/24/2022	Tested
Residual Solvents	06/06/2022	Tested

ND	57.8 %	94.7 %	Not Tested	Not Detected	Yes
Total Δ9-THC	(6aR,9R,10aR)-HHC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.0788	0.788
CBNA	0.006	0.0181	ND	ND
CBT	0.0018	0.0054	0.0926	0.926
Δ8-THC	0.0104	0.0312	0.280	2.80
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R,10aR)-HHC	0.0067	0.02	57.8	578
(6aR,9S,10aR)-HHC	0.0067	0.02	36.4	364
Δ9-cis-THC	0.001	0.003	ND	ND
Total Δ9-THC			ND	ND
Total CBD			ND	ND
Total			94.7	947

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 06/07/2022



 Tested By: Jared Burkhart
 Technical Manager
 Date: 06/01/2022

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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 Date: 06/07/2022



Tested By: Nicholas Howard
 Scientist
 Date: 05/24/2022



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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Imazalil	30	100	ND
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Daminozide	30	100	ND	Oxamyl	30	100	ND
Dichlorvos	30	100	ND	Paclobutrazol	30	100	ND
Dimethoate	30	100	ND	Phosmet	30	100	ND
Dimethomorph	30	100	ND	Piperonyl Butoxide	30	100	ND
Etoxazole	30	100	ND	Propiconazole	30	100	ND
Fenpyroximate	30	100	ND	Propoxur	30	100	ND
Fipronil	30	100	ND	Spinetoram	30	100	ND
Flonicamid	30	100	ND	Spinosad	30	100	ND
Fludioxonil	30	100	ND	Spiromesifen	30	100	ND
				Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 Commercial Director
 Date: 06/07/2022



Tested By: Jared Burkhart
 Technical Manager
 Date: 05/24/2022



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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND

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 Commercial Director
 Date: 06/07/2022



Tested By: Jared Burkhart
 Technical Manager
 Date: 05/24/2022



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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Coliforms	1	ND	
Aerobic Bacteria	1	ND	
Salmonella			Not Detected per 1 gram
Total Enterobacteriaceae			Not Detected per 1 gram

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Generated By: Ryan Bellone
 Commercial Director
 Date: 06/07/2022



Tested By: Alex Morris
 Quality Assurance Manager
 Date: 05/23/2022



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Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 06/07/2022



 Tested By: Scott Caudill
 Senior Scientist
 Date: 06/06/2022
