1 of 6

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

Status Tested Tested Tested Tested Tested Tested Tested

ND Total Δ9-THC

57.8 % (6aR,9R,10aR)-HHC

94.7 % Total Cannabinoids

Not Tested Moisture Content **Not Detected** Foreign Matter

Internal Standard Normalization

Yes

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-ΤΗCΑ	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

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

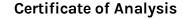


Accreditation #108651





This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories CCA Laboratories are provide measurement uncertainty upon request.



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Lemon Pound Cake HHC

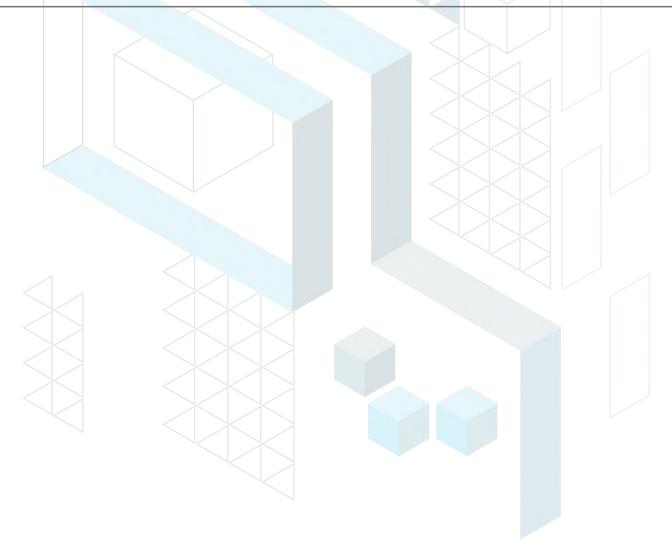
Sample ID: SA-220517-9316 Batch: 3109122 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 05/19/2022 Completed: 06/06/2022 Client Five Star Juice 22873 Lockness Ave Torrance, CA 90501 USA

Heavy Metals by ICP-MS

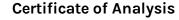
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



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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

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

	LOD	LOQ	Result		LOD	LOQ	Result
Analyte	(ppb)	(ppb)	(ppb)	Analyte	(ppb)	(ppb)	(ppb)
Acephate	30	100	ND	lmazalil	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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



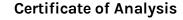






Generated By: Ryan Bellone Commercial Director Date: 06/07/2022 Testéd By: Jared Burkhart Technical Manager Date: 05/24/2022

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Lemon Pound Cake HHC

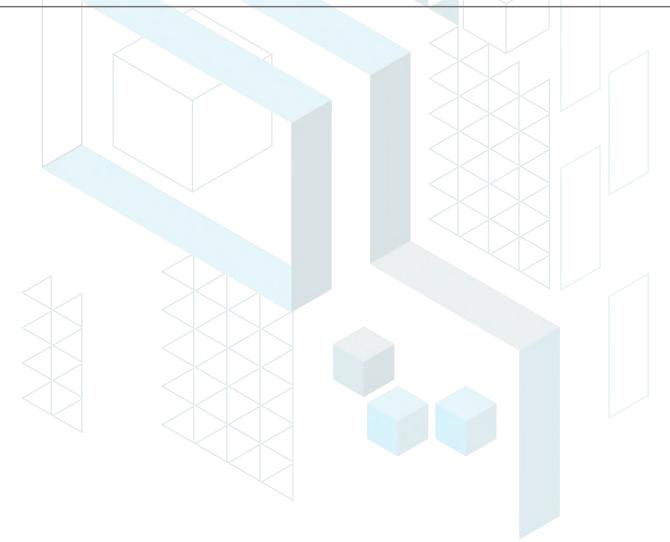
Sample ID: SA-220517-9316 Batch: 3109122 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 05/19/2022 Completed: 06/06/2022 Client Five Star Juice 22873 Lockness Ave Torrance, CA 90501 USA

Mycotoxins by LC-MS/MS

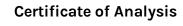
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	
B1	1	5	ND	
B2	1	5	ND	
G1	1	5	ND	
G2	1	5	ND	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone Commercial Director Date: 06/07/2022 Tested By: Jared Burkhart Technical Manager Date: 05/24/2022







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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

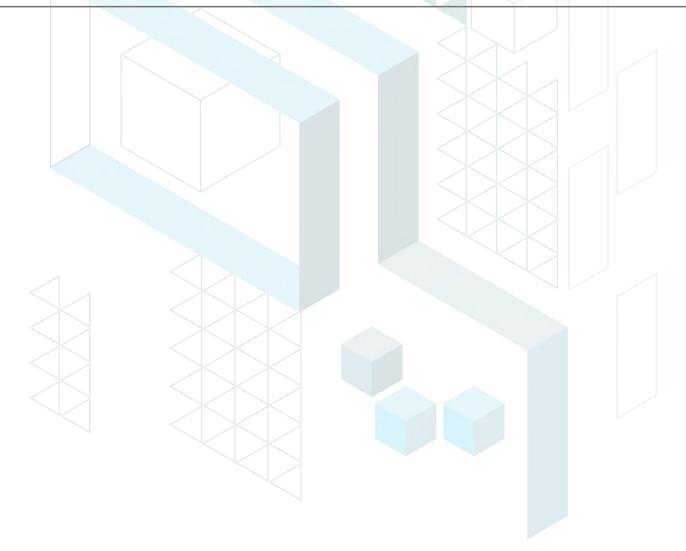
Five Star Juice 22873 Lockness Ave Torrance, CA 90501

USA

Microbials by PCR and Plating

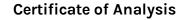
Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Coliforms	1	ND	
Aerobic Bacteria	1	ND	
Salmonella			Not Detected per 1 gram
Total Enterobacteriaceae			Not Detected per 1 gram

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



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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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

Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result	Analyte	LOD (ppm)	LOQ	Result
Acetone	(ppm)	(ppm)	(ppm)	Ethylene Glycol	(ppm)	(ppm) 62	(ppm)
Acetonic	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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Tested By: Scott Caudill



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