

FlexCBD 2000mg Spray

 Sample ID: SA-220615-9985
 Batch:
 Type: Finished Products
 Matrix: Topical - Other
 Unit Mass (g):

 Received: 06/17/2022
 Completed: 07/19/2022

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


Summary

Test	Date Tested	Status
Cannabinoids	06/28/2022	Tested
Foreign Matter	07/07/2022	Tested
Heavy Metals	07/12/2022	Tested
Microbials	07/15/2022	Tested
Mycotoxins	07/12/2022	Tested
Pesticides	07/12/2022	Tested
Residual Solvents	07/19/2022	Tested

ND Total Δ9-THC	34.3 mg/mL Total CBD	34.4 mg/mL Total Cannabinoids	Not Tested Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	34.28998	4.24	2030
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	0.09692	0.0120	5.73
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	ND	ND	ND
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	ND	ND	ND
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	0.01681	0.00208	0.994
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	ND	ND	ND
Δ8-THC	0.00104	0.00312	ND	ND	ND
Δ9-THC	0.00076	0.00227	ND	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
Total Δ9-THC			ND	ND	ND
Total CBD			34.3	4.24	2030
Total			34.4	4.25	2030

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: 07/19/2022



 Tested By: Jared Burkhart
 Technical Manager
 Date: 06/28/2022

 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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Generated By: Ryan Bellone
 Commercial Director
 Date: 07/19/2022



Tested By: Nicholas Howard
 Scientist
 Date: 07/12/2022



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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	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Azoxystrobin	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Bifenthrin	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	30	100	ND
Daminozide	30	100	ND	Permethrin	30	100	ND
Diazinon	30	100	ND	Phosmet	30	100	ND
Dichlorvos	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethoate	30	100	ND	Prallethrin	30	100	ND
Dimethomorph	30	100	ND	Propiconazole	30	100	ND
Ethoprophos	30	100	ND	Propoxur	30	100	ND
Etofenprox	30	100	ND	Pyrethrins	30	100	ND
Etoxazole	30	100	ND	Pyridaben	30	100	ND
Fenhexamid	30	100	ND	Spinetoram	30	100	ND
Fenoxycarb	30	100	ND	Spinosad	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Flonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 Commercial Director
 Date: 07/19/2022



 Tested By: Jared Burkhart
 Technical Manager
 Date: 07/12/2022


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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
Ochratoxin A	1	5	ND

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Tested By: Jared Burkhart
 Technical Manager
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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1	ND	
Total coliforms	1	ND	
Generic E. coli	1	ND	
Salmonella spp.			Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)			Not Detected per 1 gram

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 07/19/2022



 Tested By: Madeline Mitchell
 Date: 07/15/2022


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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	473000	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: 07/19/2022



 Tested By: Scott Caudill
 Senior Scientist
 Date: 07/19/2022
