

	Q SOP.006.T7 five CBD Product Certificate of Analysis (CofA) Template		
	Revision:00		
	Revision Date: 07/01/2022		
	Last Edits BY: JENA Murray		
	Approval: Jena Murray		
	Approval Date: 07/05/2022		

PRODUCT INFO			
PRODUCT NAME	Five Full Spectrum Liquid Capsule, Unflavored, 50mgCBD/2mgTHC, 60ct	ITEM Number	6524437000050120
Lot Number	68300	Amount Per Bottle:	60ct
Expiration Date:	10/2026	Storage Recommendation:	Room Temperature, away from light
PHYSICAL QUALITIES			
STRENGTH	50mgCBD/2mgTHC / per serving	COLOR	Amber
SIZE	60ct	ODOR	n/a
ADDITIONAL INFO	n/a	FLAVOR	n/a

Test Performed:	PASS / FAIL
Potency:	Pass
Heavy Metals:	Pass
Mycotoxins:	Pass
Pesticides:	Pass
Residual Solvents:	Pass
Listeria Monocytogenes:	Pass
Pathogens:	Pass

Test Performed	Method	Specification	Result	Pass/Fail
CBD	UHPLC - DAD	≥ 50mg / serving	54.74mg / serving	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	UHPLC - DAD	≥ 2mg / serving	2.05mg / serving	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Additional Minor Cannabinoids	UHPLC - DAD	≥ 8mg / serving	11.40mg / serving	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 500ppb	≤ LOQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICP-MS	≤ 3000ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin B1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aflatoxin G1	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Ochratoxin A	LCMS	≤ 20 ppb	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/Fail
E. Coli	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Listeria Monocytogenes	qPCR	Absent	NT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See attached	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Residual Solvents (see attached results for each tested)	GCMS	See attached results for Specification of each Residual Solvent tested	See attached	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

NOTES:

n/a 11/04/2024 rcg

Released:

APPROVED

By Raquel Garza at 2:57 pm, Nov 04, 2024

Quality Assurance:

Date: _____



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20241024-003
Sample: CA241024-004-007
Five Full Spectrum Liquid Capsule, Unflavored,
50mgCBD/2mgTHC, 60ct
Strain: Five Full Spectrum Liquid Capsule,
Unflavored, 50mgCBD/2mgTHC, 60ct
Category: Ingestible
Type: Capsule

Five CBD
Lic. #
18500 Von Karman Ave
Irvine, CA 92612
Lic. #

Batch#: 68300
Batch Size Collected:
Total Batch Size:
Collected: 11/01/2024; Received: 11/01/2024
Completed: 11/01/2024

Moisture NT Water Activity 0.471 aw	Δ9-THC 61.62 mg/unit 2.05 mg/serving	CBD 1,642.31 mg/unit 54.74 mg/serving	Total Cannabinoids 2,059.36 mg/unit 68.65 mg/serving	Sum of Cannabinoids 2,059.36 mg/unit	Total Terpenes 0.000 mg/g
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Summary

SOP Used

Date Tested

Batch	POT-PREP-004 High	10/24/2024	Pass
Cannabinoids	WA-PREP-001	10/24/2024	Complete
Water Activity	TERP-PREP-001	10/24/2024	Pass - 0.471 aw
Terpenes	MICRO-PREP-001	10/28/2024	Complete
Microbials	PESTMYCO-LC-PREP-001	10/25/2024	Pass
Mycotoxins	HM-PREP-001	10/25/2024	Pass
Heavy Metals	FM-PREP-001	10/24/2024	Pass
Foreign Matter	PESTMYCO-LC-PREP-001 /	10/24/2024	Pass
Pesticides	PEST-GC-PREP-001		



Scan to see results

Cannabinoid Profile

1 Unit = container, 34.06 g. 30 serving(s) per container.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	CBGa	0.2669	0.0890	ND	ND	ND
Δ9-THC	0.0794	0.0265	0.181	1.81	61.62	CBG	0.0915	0.0305	0.481	4.81	163.79
Δ8-THC	0.0824	0.0275	ND	ND	ND	CBN	0.1112	0.0371	0.132	1.32	44.82
THCV	0.0714	0.0238	ND	ND	ND	Total THC			0.18	1.81	61.62
CBDa	0.0880	0.0293	ND	ND	ND	Total CBD			4.82	48.22	1642.31
CBD	0.0755	0.0252	4.822	48.22	1642.31	Total			6.05	60.46	2059.36
CBDV	0.0741	0.0247	0.040	0.40	13.73	Sum of Cannabinoids			6.05	60.46	2059.36
CBC	0.2221	0.0740	0.391	3.91	133.09						

Total THC=THCa * 0.877 + d9-THC + d8-THC; Total CBD = CBDa * 0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)*0.877+Non-acidic Cannabinoids; Sum of Cannabinoids=Acidic Cannabinoids+Non-acidic Cannabinoids. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
α-Bisabolol	0.201	0.067	ND	ND	δ-3-Carene	0.306	0.014	ND	ND
α-Cedrene	0.151	0.041	ND	ND	δ-Limonene	0.306	0.096	ND	ND
α-Humulene	0.151	0.010	<LOQ	<LOQ	Eucalyptol	0.215	0.072	ND	ND
α-Pinene	0.151	0.026	ND	ND	Fenchol	0.152	0.011	ND	ND
α-Terpinene	0.151	0.040	ND	ND	Fenchone	0.151	0.007	ND	ND
α-Terpineol	0.154	0.016	ND	ND	γ-Terpinene	0.152	0.029	ND	ND
β-Caryophyllene	0.608	0.197	ND	ND	Geraniol	0.609	0.108	ND	ND
β-Eudesmol	0.154	0.050	ND	ND	Geranyl Acetate	0.151	0.032	ND	ND
β-Myrcene	0.153	0.016	ND	ND	Isoborneol	0.151	0.020	ND	ND
β-Pinene	0.306	0.024	ND	ND	Linalool	0.154	0.029	ND	ND
Borneol	0.154	0.023	ND	ND	Menthol	0.151	0.033	ND	ND
Camphene	0.151	0.020	ND	ND	(-)-Guaiaol	0.253	0.084	ND	ND
Camphor	0.306	0.062	ND	ND	Pulegone	0.165	0.055	ND	ND
Caryophyllene Oxide	0.602	0.064	ND	ND	p-Cymene	0.155	0.038	ND	ND
Cedrol	0.151	0.039	ND	ND	Terpinolene	0.154	0.021	ND	ND
cis-Nerolidol	0.281	0.094	ND	ND	trans-Nerolidol	0.170	0.057	ND	ND
Citronellol	0.598	0.138	ND	ND	Total			0	0

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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Josh M Swider

Josh Swider
Lab Director, Managing Partner
11/01/2024

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

2 of 3

ICAL ID: 20241024-003
Sample: CA241024-004-007
Five Full Spectrum Liquid Capsule, Unflavored,
50mgCBD/2mgTHC, 60ct
Strain: Five Full Spectrum Liquid Capsule,
Unflavored, 50mgCBD/2mgTHC, 60ct
Category: Ingestible
Type: Capsule

Five CBD
Lic. #
18500 Von Karman Ave
Irvine, CA 92612
Lic. #

Batch#: 68300
Batch Size Collected:
Total Batch Size:
Collected: 11/01/2024; Received: 11/01/2024
Completed: 11/01/2024

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status
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Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	<LOQ	0.002	0.001	0.5	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	3	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Total Aerobic Plate Count	10000	ND	Pass
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
Total Coliforms	100	NR	NT
STEC		Not Detected	Pass
Enterobacteriaceae		NR	NT
Listeria		NR	NT
Pseudomonas aeruginosa		Not Detected	Pass
Salmonella SPP		Not Detected	Pass
Total E. coli		NR	NT
Staphylococcus aureus		Not Detected	Pass
Total Yeast and Mold	1000	ND	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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Five CBD
Lic. #
18500 Von Karman Ave
Irvine, CA 92612
Lic. #

Batch#: 68300
Batch Size Collected:
Total Batch Size:
Collected: 11/01/2024; Received: 11/01/2024
Completed: 11/01/2024

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g			µg/kg	µg/kg	µg/kg	µg/kg	
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88	2.6		Tested
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18	2.04		Tested
Chlordane	ND	0.075	0.025	Pass	G1	ND	8.99	2.97		Tested
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5.72	1.89		Tested
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A	ND	11.72	3.87	20	Pass
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins	ND			20	Pass
Daminozide	ND	0.079	0.026	Pass						
Dichlorvos	ND	0.067	0.022	Pass						
Dimethoate	ND	0.036	0.012	Pass						
Ethoprophos	ND	0.053	0.017	Pass						
Etofenprox	ND	0.030	0.008	Pass						
Fenoxycarb	ND	0.043	0.014	Pass						
Fipronil	ND	0.045	0.015	Pass						
Imazalil	ND	0.047	0.016	Pass						
Methiocarb	ND	0.047	0.016	Pass						
Mevinphos	ND	0.042	0.014	Pass						
Paclobutrazol	ND	0.040	0.013	Pass						
Parathion Methyl	ND	0.024	0.008	Pass						
Propoxur	ND	0.047	0.016	Pass						
Spiroxamine	ND	0.032	0.011	Pass						
Thiacloprid	ND	0.042	0.014	Pass						

Category 2						Category 2					
	LOQ	LOD	Limit	Status		LOQ	LOD	Limit	Status		
	µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g		
Abamectin	ND	0.030	0.010	0.3	Pass	Kresoxim Methyl	ND	0.038	0.012	1	Pass
Acephate	ND	0.050	0.016	5	Pass	Malathion	ND	0.035	0.012	5	Pass
Acequinocyl	ND	0.059	0.019	4	Pass	Metalaxyl	ND	0.031	0.010	15	Pass
Acetamiprid	ND	0.044	0.015	5	Pass	Methomyl	ND	0.048	0.016	0.1	Pass
Azoxystrobin	ND	0.029	0.010	40	Pass	Myclobutanil	ND	0.055	0.018	9	Pass
Bifenazate	ND	0.035	0.012	5	Pass	Naled	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamyl	ND	0.046	0.015	0.3	Pass
Boscalid	ND	0.060	0.020	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.008	20	Pass
Carbaryl	ND	0.049	0.016	0.5	Pass	Phosmet	ND	0.038	0.012	0.2	Pass
Chlorantraniliprole	ND	0.063	0.021	40	Pass	Piperonyl Butoxide	ND	0.030	0.008	8	Pass
Clofentezine	ND	0.039	0.013	0.5	Pass	Prallethrin	ND	0.068	0.023	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.059	0.019	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.004	1	Pass
Diazinon	ND	0.030	0.006	0.2	Pass	Pyridaben	ND	0.035	0.012	3	Pass
Dimethomorph	ND	0.042	0.014	20	Pass	Spinetoram	ND	0.030	0.006	3	Pass
Etoxazole	ND	0.030	0.008	1.5	Pass	Spinosad	ND	0.030	0.004	3	Pass
Fenhexamid	ND	0.039	0.013	10	Pass	Spiromesifen	ND	0.042	0.014	12	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass	Spirotetramat	ND	0.041	0.013	13	Pass
Flonicamid	ND	0.081	0.027	2	Pass	Tebuconazole	ND	0.044	0.014	2	Pass
Fludioxonil	ND	0.046	0.015	30	Pass	Thiamethoxam	ND	0.055	0.018	4.5	Pass
Hexythiazox	ND	0.078	0.026	2	Pass	Trifloxystrobin	ND	0.031	0.010	30	Pass
Imidacloprid	ND	0.071	0.023	3	Pass						

Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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Certificate of Analysis Appendix

Residual Solvents - Utah Industrial Hemp

Analyte	Result (ug/g)	LOD (ug/g)	LOQ (ug/g)	Action Limit(ug/g)	Status
1,2 Dimethoxyethane	ND	5.9917	17.975	100	Pass
1,4 Dioxane	ND	12.8684	38.6052	380	Pass
1-Butanol	ND	3.1446	9.4337	5,000	Pass
1-Pentanol	ND	9.9794	29.9383	5,000	Pass
1-Propanol	ND	6.9987	20.9962	5,000	Pass
2-Butanol	ND	9.5709	28.7127	5,000	Pass
2-Butanone	ND	7.2129	21.6386	5,000	Pass
2-Ethoxyethanol	ND	3.8723	11.6169	160	Pass
2-methylbutane	ND	0.679	2.037	5,000	Pass
2-methylpentane	ND	9.0715	27.2145	290	Pass
3-methylpentane	ND	7.3795	22.1384	290	Pass
2-Propanol (IPA)	ND	11.5286	34.5857	5,000	Pass
Acetone	ND	8.2267	24.6802	5,000	Pass
Acetonitrile	ND	8.3746	25.1238	410	Pass
Benzene	ND	0.3588	1.0763	2	Pass
Butane	ND	9.552	28.6559	5,000	Pass
Cumene	ND	8.32	24.96	70	Pass
Cyclohexane	ND	8.4235	25.2705	3,880	Pass
Dichloromethane	ND	3.9511	11.8533	600	Pass
2,2-dimethylbutane	ND	0.8804	2.6412	290	Pass
2,3-dimethylbutane	ND	0.9493	2.8479	290	Pass
Dimethyl sulfoxide	ND	8.3992	25.1976	5,000	Pass
Ethanol	247.7857	4.8156	14.4469	5,000	Pass
Ethyl acetate	ND	14.2542	42.7625	5,000	Pass
Ethyl ether	ND	6.8124	20.4372	5,000	Pass
Ethylene glycol	ND	3.4447	10.334	620	Pass
Ethylene Oxide	ND	6.5244	19.5733	50	Pass
Heptane	ND	0.4144	1.2431	5,000	Pass
Hexane	ND	0.5026	1.5078	290	Pass
Isobutane	ND	10.2495	30.7486	5,000	Pass
Isopropyl acetate	ND	4.1274	12.3823	5,000	Pass
Methanol	ND	18.42	55.26	3,000	Pass
N,N-dimethylacetamide	ND	268.955	806.8649	1,090	Pass
N,N-dimethylformamide	ND	2.7382	8.2147	880	Pass
Pentane	8.6853	0.8382	2.5146	5,000	Pass
Propane	ND	7.9467	23.8402	5,000	Pass
Pyridine	ND	19.55	58.64	100	Pass
Sulfolane	ND	22.886	68.6581	160	Pass
Tetrahydrofuran	ND	6.2156	18.6469	720	Pass
Toluene	ND	0.4061	1.2184	890	Pass
Total Xylenes	ND	10.3738	31.1216	2,170	Pass

Josh M Swider

Josh Swider
Lab Director, CEO

Five Full Spectrum Liquid Capsule, Unflavored, 50mgCBD/2mgTHC, 60ct
10/25/2024