

Certificate of Analysis

OFFICIAL CDPHE COMPLIANCE

1 of 2

ICAL ID: C CO 20220729-002 Sample: CA220804-023-047 Enlighten Hemp Grapefruit Daily Wellness Enhancer 500mg Strain: Enlighten Hemp Grapefruit Daily Wellness Enhancer 500mg Category: Ingestible ECS Brands Lic. # 295 Interlocken Blvd Ste 500 Broomfield, CO 80021

Lic.#

Batch#: EHEWC70001 Batch Size Collected: Total Batch Size: Collected: 08/15/2022; Received: 08/15/2022 Completed: 08/15/2022

Moisture	Δ9-ΤΗС	CBD	Total Cannabinoids	Total Terpenes
NT Water Activity	NII Y		10.07 mg/g	NT
NT				

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	CO-POT-PREP-004	08/08/2022	Pass
Residual Solvents	CO-RS-PREP-001	08/05/2022	Pass
Microbials	MIC-002 / MIC-004B	08/01/2022	Pass
Mycotoxins	CO-PESTMYCO-LC-PREP-	08/05/2022	Pass
Heavy Metals	001 CO-HM-PREP-001	08/05/2022	Pass
Pesticides	CO-PESTMYCO-LC-PREP-	08/15/2022	Pass
	001/CO-PEST-GC-PREP-		
	001		





Scan to see results

Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
THCa	0.0368	0.0123	ND	ND	CBN	0.0368	0.0074	0.011	0.11
Δ9-THC	0.0368	0.0053	ND	ND	CBGa	0.0534	0.0178	ND	ND
Δ8-THC	0.0368	0.0055	ND	ND	CBG	0.0368	0.0061	0.016	0.16
THCV	0.0368	0.0048	ND	ND	CBC	0.0444	0.0148	0.008	0.08
CBDa	0.0368	0.0059	ND	ND	CBL	0.0368	0.0071	ND	ND
CBD	0.0368	0.0050	0.954	9.54	CBT	0.0368	0.0070	0.018	0.18
CBDV	0.0368	0.0049	<loq< td=""><td><1</td><td>Total THC</td><td></td><td></td><td>ND</td><td>ND</td></loq<>	<1	Total THC			ND	ND
			`		Total CBD			0.95	9.54
					Total			1.01	10.07

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD. NR = Not Reported, ND = Not Detected. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD (POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001). The measurement of uncertainty for total THC concentration is ± 0.009%.

Terpene Profile

 Analyte
 LOQ (mg/g)
 LOD (mg/g)
 % mg/g
 Analyte
 LOQ (mg/g)
 LOD (mg/g)
 % mg/g

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



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh M Swider

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Josh Swider Lab Director, Managing Partner 08/15/2022 Confident Cannabis
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This product has been tested by Infinite Chemical Analysis Labs, LLC using validated testing methods and a quality control system as required by state law. Sample processing and testing was performed in accordance with CDPHE Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations (6 CCR 1010-21). Values reported relate only to the product tested. Infinite Chemical Analysis Labs, LLC makes no claims pertaining 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 Labs, LLC.



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2 of 3

ICAL ID: C CO 20220729-002 Sample: CA220804-023-047 Enlighten Hemp Grapefruit Daily Wellness Enhancer 500mg Strain: Enlighten Hemp Grapefruit Daily Wellness Enhancer 500mg Category: Ingestible ECS Brands Lic. # 295 Interlocken Blvd Ste 500 Broomfield, CO 80021

Lic.#

Batch#: EHEWC70001 Batch Size Collected: Total Batch Size: Collected: 08/15/2022; Received: 08/15/2022 Completed: 08/15/2022

Residual Solvent Analysis

Category 1	LOQ LOD L	imit S	tatus	Category 2		LOQ	LOD Limit	Status	Category 2		LOQ	LOD	Limit	Status
	µg/g µg/g µg/g	µg/g	_		μg/g	µg/g	μg/g μg/g			μg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	ND 0.264 0.088	1	Pass	Acetone	ND	51.246	0.716 5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND 0.052 0.017	1	Pass	Acetonitrile	ND	0.42	0.14 410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND 0.076 0.026	1	Pass	Butane	ND	4.849	0.748 5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND 0.579 0.179	1	Pass	Ethanol	2283.6	7.575	2.525 5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND 0.729 0.08	1	Pass	Ethyl-Acetate	ND	2.288	0.175 5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND 0.145 0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389 5000	Pass	Toluene	ND	0.864	0.068	890	Pass
				Heptane	ND	2.859	0.496 5000	Pass	Xylenes	ND	0.857	0.103	2170	Pass

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

Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	μg/g	μg/g	
Arsenic	0.259	0.009	0.003	1.5	Pass
Cadmium	0.016	0.002	0.001	0.5	Pass
Lead	0.015	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	1.5	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 CO-HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Salmonella SPP		Not Detected	Pass
STEC		Not Detected	Pass
Total Coliforms	100	ND	Pass
Total Aerobic Plate Count	10000	ND	Pass
Total Yeast and Mold	1000	ND	Pass

ND = Not Detected. Analytical instrumentation used: qPCR and microbial plating; samples analyzed according to SOPs MIC-002 and MIC-004B at Infinite Chemical Analysis Labs, Michigan (4400 Ann Arbor Rd, Jackson, MI 49202).



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ICAL ID: C CO 20220729-002 Sample: CA220804-023-047 Enlighten Hemp Grapefruit Daily Wellness Enhancer 500mg Strain: Enlighten Hemp Grapefruit Daily Wellness Enhancer 500mg Category: Ingestible

ECS Brands Lic.# 295 Interlocken Blvd Ste 500 Broomfield, CO 80021

Lic.#

Batch#: EHEWC70001 Batch Size Collected: Total Batch Size: Collected: 08/15/2022; Received: 08/15/2022 Completed: 08/15/2022

Chemical Residue Screening

Analytes		LOQ	LOD	Limit	Status	Analytes		LOQ	LOD	Limit	Status
Abamectin	μg/g ND	μg/g 0.100	μg/g 0.050	μg/g 0.250	Pass	Fluopyram	μg/g ND	μg/g 0.005	μg/g 0.005	μg/g 0.010	Pass
Acephate	ND	0.030	0.010	0.250	Pass	Hexythiazox	ND	0.030	0.010	0.030	Pass
Acequinocyl	ND	0.030	0.010	0.030	Pass	Imazalil	<loo< td=""><td>0.030</td><td>0.010</td><td>0.030</td><td>Pass</td></loo<>	0.030	0.010	0.030	Pass
Acetamiprid	ND	0.075	0.020	0.073	Pass	Imidacloprid	ND	0.010	0.005	0.010	Pass
Aldicarb	ND	0.030	0.010	0.500	Pass	Iprodione	ND	0.475	0.158	0.500	Pass
Allethrin	ND	0.030	0.015	0.100	Pass	Kinoprene	ND	0.473	0.130	1.250	Pass
Atrazine	ND	0.005	0.005	0.005	Pass	Kresoxim Methyl	ND	0.030	0.010	0.150	Pass
Azadirachtin	ND	0.050	0.003	0.500	Pass	Lambda-Cyhalothrin	ND	0.050	0.030	0.150	Pass
Azoxystrobin	ND	0.010	0.005	0.010	Pass	Malathion	ND ND	0.030	0.005	0.030	Pass
Benzovindiflupyr	ND	0.005	0.005	0.010	Pass	Metalaxyl	ND	0.010	0.005	0.010	Pass
Bifenazate	ND	0.010	0.005	0.010	Pass	Methiocarb	ND	0.010	0.005	0.010	Pass
Bifenthrin	ND	0.030	0.005	0.030	Pass	Methomyl	ND	0.015	0.010	0.015	Pass
Boscalid	ND	0.030	0.005	0.030	Pass	Methoprene	ND	0.023	0.010	0.023	Pass
Buprofezin	ND	0.030	0.005	0.030	Pass	Mevinphos	ND	0.025	0.023	0.025	Pass
Carbaryl	ND	0.025	0.010	0.025	Pass	MGK-264	ND	0.023	0.005	0.023	Pass
Carbofuran	ND	0.023	0.005	0.023	Pass	Myclobutanil	ND	0.010	0.005	0.010	Pass
Chlorantraniliprole	ND	0.030	0.010	0.030	Pass	Naled	ND	0.030	0.020	0.030	Pass
Chlorfenapyr	ND	0.030	0.010	1.500	Pass	Novaluron	ND	0.030	0.020	0.030	Pass
Chlorpyrifos	ND	0.024	0.000	0.500	Pass	Oxamyl	ND ND	0.020	0.010	1.500	Pass
Clofentezine	ND	0.010	0.005	0.010	Pass	Paclobutrazol	ND	0.010	0.005	0.010	Pass
Clothianidin	ND	0.010	0.005	0.025	Pass	Parathion Methyl	ND	0.026	0.009	0.026	Pass
Coumaphos	ND	0.010	0.005	0.010	Pass	Pentachloronitrobenzene	ND	0.016	0.005	0.016	Pass
Cyantraniliprole	ND	0.010	0.005	0.010	Pass	Permethrin	ND	0.030	0.020	0.030	Pass
Cyfluthrin	ND	0.038	0.013	0.038	Pass	Phenothrin	ND	0.030	0.015	0.030	Pass
Cypermethrin	ND	0.053	0.018	0.053	Pass	Phosmet	ND	0.030	0.020	0.030	Pass
Cyprodinil	ND	0.010	0.005	0.010	Pass	Piperonyl Butoxide	ND	0.030	0.010	1.250	Pass
Daminozide	ND	0.075	0.050	0.075	Pass	Pirimicarb	ND	0.010	0.005	0.010	Pass
Deltamethrin	ND	0.050	0.025	0.050	Pass	Prallethrin	ND	0.075	0.030	0.075	Pass
Diazinon	ND	0.030	0.010	0.030	Pass	Propiconazole	ND	0.030	0.010	0.030	Pass
Dichlorvos	ND	0.050	0.020	0.050	Pass	Propoxur	ND	0.010	0.005	0.010	Pass
Dimethoate	ND	0.010	0.005	0.010	Pass	Pyraclostrobin	ND	0.010	0.005	0.010	Pass
Dimethomorph	ND	0.030	0.010	0.030	Pass	Pyrethrins	ND	0.045	0.010	0.045	Pass
Dinotefuran	ND	0.050	0.025	0.050	Pass	Pyridaben	ND	0.020	0.010	0.020	Pass
Diuron	ND	0.010	0.005	0.010	Pass	Pyriproxifen	ND	0.010	0.005	0.010	Pass
Dodemorph	ND	0.020	0.010	0.020	Pass	Resmethrin	ND	0.050	0.025	0.050	Pass
Endosulfan I	ND	0.353	0.118	2.500	Pass	Spinetoram	ND	0.010	0.005	0.010	Pass
Endosulfan II	ND	0.239	0.080	2.500	Pass	Spinosad	ND	0.010	0.005	0.010	Pass
Endosulfan Sulfate	ND	0.026	0.009	2.500	Pass	Spirodiclofen	ND	0.050	0.025	0.050	Pass
Ethoprophos	ND	0.010	0.005	0.010	Pass	Spiromesifen	ND	0.030	0.010	0.030	Pass
Etofenprox	ND	0.030	0.010	0.030	Pass	Spirotetramat	ND	0.010	0.005	0.010	Pass
Etoxazole	ND	0.030	0.010	0.030	Pass	Spiroxamine	ND	0.030	0.020	0.030	Pass
Etridiazole .	ND	0.044	0.015	0.150	Pass	Tebuconazole	ND	0.010	0.005	0.010	Pass
<u>F</u> enhexamid	ND	0.045	0.020	0.045	Pass	Tebufenozide	ND	0.010	0.005	0.010	Pass
Fenoxycarb	ND	0.010	0.005	0.010	Pass	Teflubenzuron	ND	0.020	0.010	0.025	Pass
Fenpyroximate	ND	0.030	0.010	0.030	Pass	Tetrachlorvinphos	ND	0.010	0.005	0.010	Pass
Fensulfothion	ND ND	0.010	0.005	0.010	Pass	Tetramethrin	ND	0.050	0.025	0.050	Pass
Fenthion		0.007	0.002	0.010	Pass	Thiabendazole	ND ND	0.010	0.005 0.005	0.010	Pass
Fenvalerate Fipronil	ND ND	0.402 0.010	0.134 0.005	0.402 0.010	Pass Pass	Thiacloprid Thiamethoxam	ND ND	0.010 0.010	0.005	0.010 0.010	Pass Pass
Flonicamid	ND ND	0.010	0.005	0.010	Pass	Thiophanate-Methyl	ND ND	0.010	0.005	0.010	Pass
Fludioxonil	ND ND	0.025	0.010	0.025	Pass		ND ND	0.020	0.010	0.020	
FIUUIUXUIIII	טעו	0.010	0.005	0.010	Pass	Trifloxystrobin	שא	0.010	0.003	0.010	Pass

Mycotoxins		LOQ	LOD	Limit	Status
B1 B2 G1	μg/kg ND ND ND	μg/kg 7.88 6.18 8.99	μg/kg 2.6 2.04 2.97	µg/kg	Tested Tested Tested

Mycotoxins		LOQ	LOD	Limit	Status
G2 Ochratoxin A Total Aflatoxins	μg/kg ND ND ND	μg/kg 5.72 11.72	µg/kg 1.89 3.87	µg/kg 20 20	Tested Pass Pass

Other Analyte(s):

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



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