

Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) Template
Q 501.000.15 GBB 110ddct dertificate of finalysis (doin) Template
Revision:00
Revision Date: 06/10/2022
Last Edits BY: JENA Murray
Approval: Jena Murray
Approval Date: 06/29/2022

PRODUCT INFO										
PRODUCT NAME	Medterra Isolate Sleep Tight Gummies,	ITEM Number	7301088690025861							
	Blackberry Lemonade, 25mg, 30ct									
Lot Number	240801-56204	Amount Per Bottle:	30ct							
Expiration Date:	02/2026	Storage Recommendation:	Room temperature, away from light.							
PHYSICAL QUALITIES										
STRENGTH	25mg CBD per gummy	COLOR	Purple							
SIZE	30ct	ODOR	Fruity							
ADDITIONAL INFO	n/a	FLAVOR	Blackberry Lemonade							
Took Dowformed		DACC / FAIL								
Test Performed:		PASS / FAIL								
Potency:		Pass								
Heavy Metals:		Pass								
Mycotoxins: Pesticides:		Pass Pass								
Residual Solven	40.									
		Pass								
Listeria Monocyt	togenes:	Pass								
Pathogens:		Pass								

Test Performed	Method	Specification	Result	Pass/Fail
L-Theanine	HPLC	≥ 100mg / gummy	Pass	Pass Fail
CBD	UHPLC - DAD	≥ 25mg / gummy	27.55mg / gummy	Pass Fail
THC	UHPLC - DAD	≤ 0.01%	Pass	Pass Fail
Chamomile	Quantification by Input	≥ 50mg / gummy	Pass	Pass Fail
Lemon Balm	Quantification by Input	≥ 50mg / gummy	Pass	Pass Fail
Passionflower Extract	Quantification by Input	≥ 40mg / gummy	Pass	Pass Fail
5-HTP	Quantification by Input	≥ 10mg / gummy	Pass	Pass Fail
Melatonin	HPLC	≥ 3mg / gummy	Pass	Pass Fail
Arsenic	ICP-MS	≤ 1500ppb	<loq< td=""><td>Pass Fail</td></loq<>	Pass Fail
Cadmium	ICP-MS	≤ 500ppb	<loq< td=""><td>☐ Pass☐ Fail</td></loq<>	☐ Pass☐ Fail
Lead	ICP-MS	≤ 500ppb	Pass	☐ Pass☐ Fail
Mercury	ICP-MS	≤ 3000ppb	0.005	Pass Fail



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Test Performed	Method	Specification	Result	Pass/Fail
Aflatoxin B1	LCMS	≤ 20 ppb	Pass	Pass Fail
Aflatoxin G1	LCMS	≤ 20 ppb	Pass	Pass Fail
Ochratoxin A	LCMS	≤ 20 ppb	Pass	Pass Fail
E. Coli	USP2022	Absent	Pass	Pass Fail
Salmonella	USP2022	Absent	Pass	Pass Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	Pass	Pass Fail
Listeria Monocytogenes	qPCR	Absent	NT	Pass Fail
Full Pesticide Panel (see attached results for each tested)	LCMS / GCMS	See attached results for Specification of each Pesticide tested	See Attached	Pass Fail
Residual Solvents (see attached results for each tested)	GCMS	See attached results for Specification of each Residual Solvent tested	See Attached	Pass Fail

NOTES:	
n/a 08/15/2024 rcg	
	_

Released:	APPROVED By Raquel Garza at 8:58 am, Aug 15, 2024	
Quality Assurance:		Date:
Quality Assurance.		_ Dale





Certificate of Analysis

ICAL ID: 20240807-036 Sample: CA240807-015-024 Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct Strain: Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct Category: Ingestible

Medterra CBD 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 240801-56204 Batch Size Collected: Total Batch Size:

Collected: 08/09/2024; Received: 08/09/2024 Completed: 08/09/2024

Total Terpenes

Moisture NT Water Activity

Type: Troche

Δ9-ΤΗС ND

826.36 mg/unit 829.64 mg/unit

Sum of Cannabinoids 829.64 mg/unit

NT

0.558 aw

0.00 mg/serving

27.55 mg/serving

CBD

27.66 mg/serving

Total Cannabinoids

Summary	SOP Used	Date Tested	
Batch Cannabinoids Water Activity Residual Solvents Microbials Mycotoxins Heavy Metals Foreign Matter Pesticides	POT-PREP-002 WA-PREP-001 RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 FM-PREP-001 PESTMYCO-LC-PREP-001 /	08/08/2024 08/07/2024 08/07/2024 08/09/2024 08/08/2024 08/07/2024 08/07/2024 08/08/2024	Pass Complete Pass - 0.558 aw Pass Pass Pass Pass Pass Pass
	PEST-GC-PREP-001		





Scan to see results

Cannabinoid Profile

1 Unit = container, 136.55 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	0.0128	0.0043	ND	ND	ND	CBGa	0.0046	0.0015	ND	ND	ND
Δ9-THC	0.0046	0.0010	ND	ND	ND	CBG	0.0046	0.0005	ND	ND	ND
Δ8-THC	0.0046	0.0014	ND	ND	ND	CBN	0.0046	0.0005	ND	ND	ND
THCV	0.0046	0.0006	ND	ND	ND	Total THC			ND	ND	ND
CBDa	0.0049	0.0016	ND	ND	ND	Total CBD			0.61	6.05	826.36
CBD	0.0046	0.0008	0.605	6.05	826.36	Total			0.61	6.08	829.64
CBDV	0.0046	0.0004	0.002	0.02	3.28	Sum of			0.61	6.08	829.64
CBC	0.0076	0.0025	ND	ND	ND	Cannabinoids			0.01	0.00	027.04

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 Meter Activity. measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

LOQ (mg/g) LOD (mg/g) % LOQ (mg/g) LOD (mg/g) % Analyte mg/g Analyte 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 TERP-INST-003.



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

Josh Swider

Lab Director, Managing Partner 08/09/2024

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2 of 3



Certificate of Analysis

ICAL ID: 20240807-036 Sample: CA240807-015-024 Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct Strain: Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct Category: Ingestible Type: Troche Medterra CBD Lic. # 18500 Von Karman Ave Irvine, CA 92612

Lic.#

Batch#: 240801-56204 Batch Size Collected: Total Batch Size: Collected: 08/09/2024; Received: 08/09/2024 Completed: 08/09/2024

Residual Solvent Analysis

Category 1	LOQ LOD L	.imit	Status	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 0.025	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	Ethano l	ND	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	0.067	890	Pass
				Heptane	ND	2.859	0.496	5000	Pass	Xy l enes	ND	2.572	0.326	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 RS-INST-003.

Heavy Metal Screening

		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g	
Arsenic	<loq< td=""><td>0.009</td><td>0.003</td><td>1.5</td><td>Pass</td></loq<>	0.009	0.003	1.5	Pass
Cadmium	<loq< td=""><td>0.002</td><td>0.001</td><td>0.5</td><td>Pass</td></loq<>	0.002	0.001	0.5	Pass
Lead	0.005	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 HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
STEC	0	ND	Pass
Salmonella SPP	0	ND	Pass

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



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Josh Swider
Lab Director, Managing Partner

08/09/2024

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3 of 3



Thiacloprid

Certificate of Analysis

ICAL ID: 20240807-036 Sample: CA240807-015-024 Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct Strain: Medterra Isolate Sleep Tight Gummies, Blackberry Lemonade, 25mg, 30ct Category: Ingestible Type: Troche

ND

0.042

0.014

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

Lic.#

Batch#: 240801-56204 Batch Size Collected: Total Batch Size: Collected: 08/09/2024; Received: 08/09/2024 Completed: 08/09/2024

Chemical Residue Screening

Category 1	LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit	Status
μg/g A l dicarb ND	µg/g 0.065	µg/g 0.022	Pass	B1	μg/kg ND	µg/kg 7.88	µg/kg 2.6	µg/kg	Tested
	0.030	0.022		B2	ND	6.18	2.04		
			Pass						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						

Pass

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	
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
Carbary l	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	Piperony l 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
Etoxazo l e	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
<u>lmidacloprid</u>	ND	0.071	0.023	3	Pass	·	-		-		· <u></u>

Other Analyte(s): Melatonin: 0.071%, 3.24mg/gummy; L-Theanine: 2.028%, 92.28mg/gummy

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 PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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Josh M Swider

Josh Swider Lab Director, Managing Partner 08/09/2024 Confident LIMS
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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	ND	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	ND	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 Swider Lab Director, CEO