



Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) 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 Fast Acting Sleep Gummies, Strawberry, 2mg CBN, 30ct	ITEM Number	7301088810002933
Lot Number	230125-56231	Amount Per Bottle:	30ct
Expiration Date:	07/2024	Storage Recommendation:	Room temperature, away from light

PHYSICAL QUALITIES

STRENGTH	2mg CBN per gummy	COLOR	Dark Purple – sugar coated
SIZE	30ct	ODOR	Fruity
ADDITIONAL INFO	n/a	FLAVOR	Strawberry

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
CBN	LCUV / HPLC	≥2mg /gummy	2.49mg / gummy	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LCUV / HPLC	< 0.01%	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥1mg /gummy	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Proprietary Sleep Blend	Quantification by Input	≥153mg /gummy	Pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICP-MS	≤ 1500ppb	<LOQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICP-MS	≤ 500ppb	0.002ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICP-MS	≤ 1200ppb	0.012ppm	<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
E. Coli	USP2022	Absent	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/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 checked="" 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 01/31/2022 JLM

Released:

APPROVED

Quality Assurance:

By Jena Murray at 1:40 pm, Jan 31, 2023

Date:

01/31/2023



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20230126-008
 Sample: CA230126-007-010
 Medterra Fast Acting Sleep Gummies, Strawberry,
 2mg CBN, 30ct
 Strain: Medterra Fast Acting Sleep Gummies,
 Strawberry, 2mg CBN, 30ct
 Category: Ingestible
 Type: Other

Medterra CBD
 Lic. # KY P_2270
 9805 Research Drive
 Irvine, CA 92618
 Lic. #

Batch#: 230125-56231
 Batch Size Collected:
 Total Batch Size:
 Collected: 01/30/2023; Received: 01/30/2023
 Completed: 01/30/2023

Moisture NT Water Activity 0.491 aw	Δ 9-THC ND 0.00 mg/serving	CBD ND 0.00 mg/serving	Total Cannabinoids 74.63 mg/unit 2.49 mg/serving	Total Terpenes NT
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Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-002	01/26/2023	Complete
Water Activity	WA-PREP-001	01/26/2023	Pass - 0.491 aw
Residual Solvents	RS-PREP-001	01/26/2023	Pass
Microbials	MICRO-PREP-001	01/30/2023	Pass
Mycotoxins	PESTMICO-LC-PREP-001	01/26/2023	Pass
Heavy Metals	HM-PREP-001	01/26/2023	Pass
Foreign Matter	FM-PREP-001	01/26/2023	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	01/26/2023	Pass



Scan to see results

Cannabinoid Profile

1 Unit = container, 130.24 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
Δ 9-THC	0.0046	0.0010	ND	ND	ND	CBG	0.0046	0.0005	ND	ND	ND
Δ 8-THC	0.0046	0.0014	ND	ND	ND	CBN	0.0046	0.0005	0.057	0.57	74.63
THCV	0.0046	0.0006	ND	ND	ND	Total THC				ND	ND
CBDa	0.0049	0.0016	ND	ND	ND	Total CBD				ND	ND
CBD	0.0046	0.0008	ND	ND	ND	Total			0.06	0.57	74.63
CBDV	0.0046	0.0004	ND	ND	ND						
CBC	0.0076	0.0025	ND	ND	ND						

Total THC=THCa * 0.877 + Δ 9-THC; Total CBD = CBDa * 0.877 + CBD. 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
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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.



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

Josh M Swider

Josh Swider
 Lab Director, Managing Partner
 01/30/2023

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 support@confidentcannabis.com
 (866) 506-5866
 www.confidentcannabis.com



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: 20230126-008
Sample: CA230126-007-010
Medterra Fast Acting Sleep Gummies, Strawberry,
2mg CBN, 30ct
Strain: Medterra Fast Acting Sleep Gummies,
Strawberry, 2mg CBN, 30ct
Category: Ingestible
Type: Other

Medterra CBD
Lic. # KY P_2270
9805 Research Drive
Irvine, CA 92618
Lic. #

Batch#: 230125-56231
Batch Size Collected:
Total Batch Size:
Collected: 01/30/2023; Received: 01/30/2023
Completed: 01/30/2023

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	
1,2-Dichloro-Ethane	µg/g	µg/g	µg/g	µg/g	Acetone	µg/g	µg/g	µg/g	µg/g	
Benzene	ND 0.264	0.088	1	Pass	Acetonitrile	ND	51.246	0.716	5000	Pass
Chloroform	ND 0.052	0.017	1	Pass	Butane	ND	4.849	0.748	5000	Pass
Ethylene Oxide	ND 0.076	0.025	1	Pass	Ethanol	1485.4	7.575	2.525	5000	Pass
Methylene-Chloride	ND 0.579	0.179	1	Pass	Ethyl-Acetate	53.9	2.288	0.175	5000	Pass
Trichloroethene	ND 0.729	0.08	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass
	ND 0.145	0.028	1	Pass	Heptane	ND	2.859	0.496	5000	Pass
					n-Hexane	ND	0.281	0.027	290	Pass
					Isopropanol	ND	2.86	0.614	5000	Pass
					Methanol	ND	2.602	0.867	3000	Pass
					Pentane	ND	5.075	1.692	5000	Pass
					Propane	ND	9.709	3.236	5000	Pass
					Toluene	ND	0.864	0.067	890	Pass
					Xylenes	ND	2.572	0.326	2170	Pass

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 RS-INST-003.

Heavy Metal Screening

	LOQ	LOD	Limit	Status	
Arsenic	µg/g	µg/g	µg/g	µg/g	
Cadmium	<LOQ	0.009	0.003	1.5	Pass
Lead	0.002	0.002	0.001	0.5	Pass
Mercury	0.012	0.004	0.001	0.5	Pass
	ND	0.014	0.005	3	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than 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	Not Detected	Pass
Salmonella SPP	Not Detected	Pass

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



Infinite Chemical Analysis Labs
8312 Miramar Mall
San Diego, CA
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www.infiniteCAL.com
Lic# C8-000047-LIC

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Medterra CBD
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 9805 Research Drive
 Irvine, CA 92618
 Lic. #

Batch#: 230125-56231
 Batch Size Collected:
 Total Batch Size:
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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			
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	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
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): Melatonin: 0.029%; 37.16 mg/package; 1.24 mg/gummy

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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