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 25mg Isolate Sleep Blackberry Lemonade Gummies 30ct	**ITEM Number**	7301088690025861
Lot Number	2242A1M4	**Amount Per Bottle:**	30 ct
Expiration Date:	02/2024	**Storage Recommendation:**	Room temperature, away from light
PHYSICAL QUALITIES			
STRENGTH	25mg CBD Per Container	**COLOR**	Dark purple, sugar coated
SIZE	30ct	**ODOR**	Fruity
ADDITIONAL INFO	n/a	**FLAVOR**	Blackberry Lemonade

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
L-Theanine	Quantification By Input	≥100mg / gummy	Pass	☒ Pass ☐ Fail
Lemon Balm Extract (Melissa officinal leaf powder)	Quantification By Input	≥50mg / gummy	Pass	☒ Pass ☐ Fail
Chamomile (Maltricaria recutita flower extract)	Quantification By Input	≥50mg / gummy	Pass	☒ Pass ☐ Fail
Passion Flower (Passiflora incarnata herb powder)	Quantification By Input	≥40mg / gummy	Pass	☒ Pass ☐ Fail
CBD	LCVU / HPLC	≥25mg / gummy	36.08mg / gummy	☒ Pass ☐ Fail
THC	LCVU / HPLC	< 0.01%	ND	☒ Pass ☐ Fail
5-HTP	Quantification By Input	≥10mg / gummy	Pass	☒ Pass ☐ Fail
Melatonin	LCMS	≥3mg / gummy	3.5mg / gummy	☒ Pass ☐ Fail
Arsenic	ICP-MS	≤ 1500ppb	<LOQ	☒ Pass ☐ Fail
Cadmium	ICP-MS	≤ 500ppb	<LOQ	☒ Pass ☐ Fail
Lead	ICP-MS	≤ 500ppb	<LOQ	☒ Pass ☐ Fail
Mercury	ICP-MS	≤ 3000ppb	<LOQ	☒ Pass ☐ Fail

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

Test Performed	Method	Specification	Result	Pass/Fail
Aflatoxin B1	LCMS	≤ 20 ppb	<LOQ	☒ Pass ☐ Fail
Aflatoxin G1	LCMS	≤ 20 ppb	<LOQ	☒ Pass ☐ Fail
Ochratoxin A	LCMS	≤ 20 ppb	<LOQ	☒ Pass ☐ Fail
E. Coli	USP2022	Absent	absent	☒ Pass ☐ Fail
Salmonella	USP2022	Absent	absent	☒ Pass ☐ Fail
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	qPCR	Absent	absent	☒ Pass ☐ Fail
Listeria Monocytogenes	qPCR	Absent	absent	☒ 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 09/13/2022 JLM

Released:

Quality Assurance: ***APPROVED*** ***By Jena Murray at 10:24 am, Sep 13, 2022*** Date: 09/13/2022

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Medterra 25mg Isolate Sleep Tight Blackberry Lemonade Gummies, 30ct
Sample Matrix: CBD/HEMP Edibles (Infused)

Certificate of Analysis

Compliance Test

MEDTERRA CBD LLC
9805 RESEARCH DR
IRVINE, CALIFORNIA 92618

Batch # 2242A1M4
Batch Date: 2022-09-01
Extracted From: CBD

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # MED220901-010001
Order Date: 2022-09-01
Sample # AADI975

Sampling Date: 2022-09-02
Lab Batch Date: 2022-09-02
Completion Date: 2022-09-06

Initial Gross Weight: 167.100 g
Net Weight: 134.621 g

Number of Units: 1
Net Weight per Unit: 4487.367 mg

Product Image

Potency Tested
Theanine-Caffeine-Melatonin Tested
Heavy Metals Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Pathogenic Microbiology Passed
Listeria Monocytogenes Passed

Potency 10

Tested
SOP13.001 (LCUV)

Specimen Weight: 1521.900 mg

Pieces For Panel: 30

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	100.000	5.40E-5	0.0015	8.0400	0.8040
CBDV	10.000	6.50E-5	0.0015	0.0230	0.0023
CBC	10.000	1.80E-5	0.0015		<LOQ
CBDA	10.000	1.00E-5	0.0015		<LOQ
CBG	10.000	2.48E-4	0.0015		<LOQ
CBGA	10.000	8.00E-5	0.0015		<LOQ
CBN	10.000	1.40E-5	0.0015		<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015		<LOQ
THCA	10.000	3.20E-5	0.0015		<LOQ
THCV	10.000	7.00E-6	0.0015		<LOQ

Potency Summary

Total Active THC: - None Detected	Total Active CBD: 0.804% 36.080mg
Total CBG: - None Detected	Total CBN: - None Detected
Other Cannabinoids: 0.002% 0.090mg	Total Cannabinoids: 0.806% 36.170mg

Mycotoxins

Passed
SOP13.007 (LCMS)

Specimen Weight: 273.100 mg

Dilution Factor: 5.490

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Pathogenic Microbiology SAE (MicroArray)

Passed
SOP13.019 (Micro Array)

Specimen Weight: 1043.770 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Xueli Gao, Ph.D., DABT — Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

QA By: 1042 on 2022-09-06 21:39:53 V1

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

TESTED SAFE CERTIFIED HEMP EDIBLE

Medterra 25mg Isolate Sleep Tight Blackberry Lemonade Gummies, 30ct
Sample Matrix: CBD/HEMP Edibles (Infused)

Certificate of Analysis

Compliance Test

MEDTERRA CBD LLC
9805 RESEARCH DR
IRVINE, CALIFORNIA 92618

Batch # 2242A1M4
Batch Date: 2022-09-01
Extracted From: CBD

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # MED220901-010001
Order Date: 2022-09-01
Sample # AADI975

Sampling Date: 2022-09-02
Lab Batch Date: 2022-09-02
Completion Date: 2022-09-06

Initial Gross Weight: 167.100 g
Net Weight: 134.621 g

Number of Units: 1
Net Weight per Unit: 4487.367 mg

Pesticides FL V4

Passed
SOP13.007 (LCMS/GCMS)

Specimen Weight: 273.100 mg

Dilution Factor: 5.490

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ					

Listeria Monocytogenes

Passed
SOP13.032 (qPCR)

Specimen Weight: 986.300 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

PJLA Testing Accreditation #101103

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

QA By: 1042 on 2022-09-06 21:39:53 V1

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Medterra 25mg Isolate Sleep Tight Blackberry Lemonade Gummies, 30ct
Sample Matrix: CBD/HEMP Edibles (Infused)

Certificate of Analysis

Compliance Test

MEDTERRA CBD LLC
9805 RESEARCH DR
IRVINE, CALIFORNIA 92618

Batch # 2242A1M4
Batch Date: 2022-09-01
Extracted From: CBD

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # MED220901-010001
Order Date: 2022-09-01
Sample # AADI975

Sampling Date: 2022-09-02
Lab Batch Date: 2022-09-02
Completion Date: 2022-09-06

Initial Gross Weight: 167.100 g
Net Weight: 134.621 g

Number of Units: 1
Net Weight per Unit: 4487.367 mg

Residual Solvents - FL (CBD)

Passed
SOP13.039 (GCMS)

Specimen Weight: 309.400 mg

Dilution Factor: 50.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

Theanine-Caffeine-Melatonin

Tested
SOP13.049 (LCMS)

Specimen Weight: 75.160 mg

Dilution Factor: 1.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Total/Piece (mg)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Total/Piece (mg)
Caffeine	0.00000178	0.00025	0	0		Melatonin	0.00000038	0.00025	0.78200	0.0782	3.50912073594
L-theanine	0.00000163	0.00025	15.40000	1.54	69.105446718						

Heavy Metals

Passed
SOP13.048 (ICP-MS)

Specimen Weight: 254.550 mg

Dilution Factor: 196

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Xueli Gao, Ph.D., DABT — Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

PJLA Testing Accreditation #101103

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

QA By: 1042 on 2022-09-06 21:39:53 V1