




MedOil 1000mg CBD Tincture Information

Scannable QR Code																																																																												
Batch Identification Number	LE190644																																																																											
Product Name	MedOil 1000mg CBD Tincture																																																																											
Batch Date	09/2019																																																																											
Expiration Date	09/2021																																																																											
Batch Size	50,000																																																																											
Total Quantity Produced	50,000																																																																											
Ingredients Used	99% CBD Isolate, MCT Oil																																																																											
Ingredient Name	Isolate, MCT Coconut Oil																																																																											
Name of Company that Manufactured the Ingredient	Medterra CBD																																																																											
Ingredient Lot Number	LE190644																																																																											
Download Link for Certificate of Analysis for Low THC Hemp Extract	https://documentcloud.adobe.com/link/track?uri=urn%3Aaadid%3Aascds%3AUS%3Aab9aa6f5-7ad2-4c72-8dee-13af6db293																																																																											
Batch Number	LE190644																																																																											
Internet Address of Website to Obtain Batch Information	https://medterracbd.com/certificates-of-analysis																																																																											
Number of Milligrams of low THC Hemp Extract	ND / 0mg																																																																											
Manufacturer	Medterra CBD																																																																											
< 0.3% Total Delta-9-Tetrahydrocannabinol	<table border="1"> <thead> <tr> <th>Cannabinoids</th> <th>LOQ</th> <th>weight(%)</th> <th>mg/g</th> <th>mg/tincture</th> </tr> </thead> <tbody> <tr><td>D9-THC</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>THCA</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>CBD</td><td>10 PPM</td><td>3.871%</td><td>38.710</td><td>1,056.8</td></tr> <tr><td>CBDA</td><td>20 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>CBDV</td><td>20 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>CBC</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>CBN</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>CBG</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>CBGA</td><td>20 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>D8-THC</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>THCV</td><td>10 PPM</td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>TOTAL D9-THC</td><td></td><td>N/D</td><td>N/D</td><td>N/D</td></tr> <tr><td>TOTAL CBD*</td><td></td><td>3.871%</td><td>38.710</td><td>1,056.8</td></tr> <tr><td>TOTAL CANNABINOIDS</td><td></td><td>3.871%</td><td>38.710</td><td>1,056.8</td></tr> </tbody> </table>	Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture	D9-THC	10 PPM	N/D	N/D	N/D	THCA	10 PPM	N/D	N/D	N/D	CBD	10 PPM	3.871%	38.710	1,056.8	CBDA	20 PPM	N/D	N/D	N/D	CBDV	20 PPM	N/D	N/D	N/D	CBC	10 PPM	N/D	N/D	N/D	CBN	10 PPM	N/D	N/D	N/D	CBG	10 PPM	N/D	N/D	N/D	CBGA	20 PPM	N/D	N/D	N/D	D8-THC	10 PPM	N/D	N/D	N/D	THCV	10 PPM	N/D	N/D	N/D	TOTAL D9-THC		N/D	N/D	N/D	TOTAL CBD*		3.871%	38.710	1,056.8	TOTAL CANNABINOIDS		3.871%	38.710	1,056.8
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Product Link	https://medterracbd.com/product-cbd-tincture.asp																																																																											
Microbiological Contaminants	PASS																																																																											
Pesticide Analysis	PASS																																																																											
Residual Solvents	PASS																																																																											
Heavy Metals Analysis	PASS																																																																											

CERTIFICATE OF ANALYSIS



Order #: 36410
 Order Name: Medterra 1000mg
 CBD Tincture
 Batch#: LE190644
 Received: 09/16/2019
 Completed: 09/21/2019

Medterra CBD, LLC
 9801 Research Drive
 Irvine CA, 92618
 (800) 971-1288
 support@medterracbd.com



Sample



N/D
 D9-THC

3.871%
 Total CBD

1,056.8 mg
 Cannabinoids per
 tincture

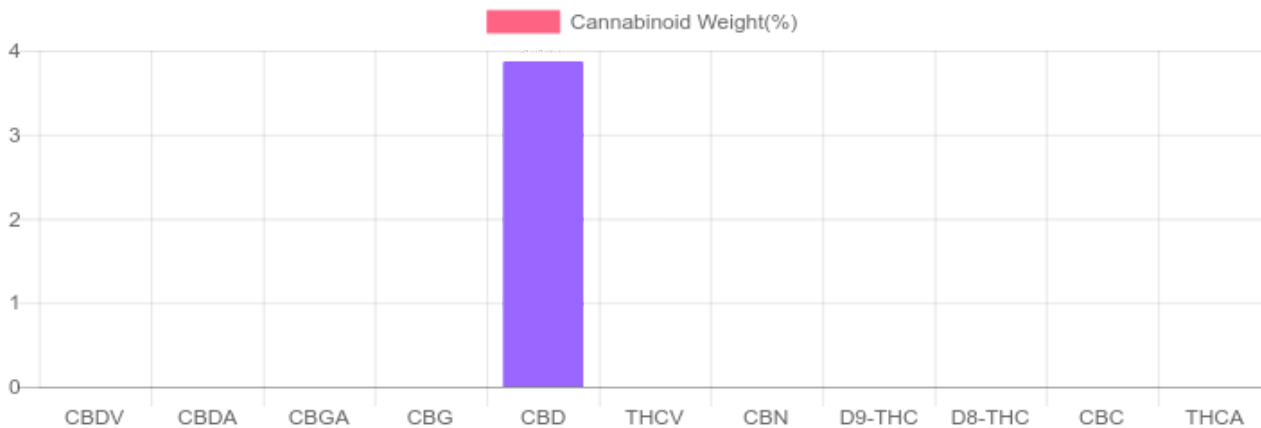
1,056.8 mg
 CBD per
 tincture

1 tincture = 30 ml per tincture x density
 (0.91) x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 PREPARED: 09/16/2019 20:27:48 UPLOADED: 09/17/2019 16:26:26

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	3.871%	38.710	1,056.8
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		N/D	N/D	N/D
TOTAL CBD*		3.871%	38.710	1,056.8
TOTAL CANNABINOIDS		3.871%	38.710	1,056.8



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification



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 CBD Tincture
Batch#: LE190644
Received: 09/16/2019
Completed: 09/21/2019

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 Irvine CA, 92618
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PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 09/16/2019 21:11:52

UPLOADED: 09/18/2019 15:27:01

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	0.700	N/D	0.003	0.001
CHLORDANE	0.100	N/D	0.003	0.001
CHLORFENAPYR	0.100	N/D	0.003	0.001
COUMAPHOS	0.100	N/D	0.003	0.001

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CYFLUTHRIN	2.000	N/D	0.003	0.001
CYPERMETHRIN	1.000	N/D	0.003	0.001
PARATHION-METHYL	0.100	N/D	0.003	0.001
PENTACHLORONITROBENZENE	0.100	N/D	0.003	0.001

LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.001	0.001
ACEQUINOCYL	0.100	N/D	0.001	0.001
ACETAMIPRID	0.100	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.001	0.001
BIFENAZATE	0.100	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.001
BOSCALID	0.100	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001
CARBOFURAN	0.100	N/D	0.001	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.001	0.001
CLOFENTEZINE	0.100	N/D	0.001	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001
DIAZANON	0.100	N/D	0.001	0.001
DICHLORVOS	0.100	N/D	0.005	0.001
DIMETHOATE	0.100	N/D	0.001	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.001	0.001
ETOFENPROX	0.100	N/D	0.001	0.001
ETOXAZOLE	0.100	N/D	0.010	0.005
FENHEXAMID	0.100	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001
FIPRONIL	0.100	N/D	0.003	0.001
FLONICAMID	0.100	N/D	0.025	0.010
FLUDIOXONIL	0.100	N/D	0.003	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.001

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.005	0.001
IMIDACLOPRID	5.000	N/D	0.005	0.001
KRESOXIM-METHYL	0.100	N/D	0.010	0.005
MALATHION	0.500	N/D	0.005	0.001
METALAXYL	2.000	N/D	0.001	0.001
METHIOCARB	0.100	N/D	0.005	0.001
METHOMYL	1.000	N/D	0.001	0.001
MEVINPHOS	0.100	N/D	0.001	0.001
MYCLOBUTANIL	0.100	N/D	0.005	0.001
NALED	0.100	N/D	0.005	0.001
OXAMYL	0.500	N/D	0.001	0.001
PACLOBUTRAZOL	0.100	N/D	0.005	0.001
PERMETHRINS	0.500	N/D	0.005	0.001
PHOSMET	0.100	N/D	0.005	0.001
PIPERONYL BUTOXIDE	3.000	N/D	0.001	0.001
PRALLETHRIN	0.100	N/D	0.005	0.005
PROPICONAZOLE	0.100	N/D	0.010	0.005
PROPOXUR	0.100	N/D	0.001	0.001
PYRETHRINS (PYRETHRIN I)	0.500	N/D	0.005	0.005
PYRIDABEN	0.100	N/D	0.005	0.001
SPINETORAM	0.100	N/D	0.001	0.001
SPINOSAD	0.100	N/D	0.001	0.001
SPIROMESIFEN	0.100	N/D	0.005	0.001
SPIROTETRAMAT	0.100	N/D	0.001	0.001
SPIROXAMINE	0.100	N/D	0.001	0.001
TEBUCONAZOLE	0.100	N/D	0.005	0.001
THIACLOPRID	0.100	N/D	0.001	0.001
THIAMETHOXAM	5.000	N/D	0.001	0.001
TRIFLOXYSTROBIN	0.100	N/D	0.001	0.001

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level



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CERTIFICATE OF ANALYSIS



Order #: 36410
Order Name: Medterra 1000mg
CBD Tincture
Batch#: LE190644
Received: 09/16/2019
Completed: 09/21/2019

Medterra CBD, LLC
9801 Research Drive
Irvine CA, 92618
(800) 971-1288
support@medterracbd.com



RESIDUAL SOLVENTS:

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

Prepared: 09/16/2019 22:05:44

Uploaded: 09/17/2019 23:15:09

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ACETONE	5,000	N/D	140	20
ACETONITRILE	410	N/D	25	1
BENZENE	1	N/D	1	0.5
BUTANE	5,000	N/D	50	10
CHLOROFORM	1	N/D	1	0.5
DICHLOROETHANE	1	N/D	1	0.5
DICHLOROMETHANE	1	N/D	1	0.5
ETHANOL	5,000	N/D	140	20
ETHYL ACETATE	5,000	N/D	140	20
ETHYL ETHER	5,000	N/D	140	20
ISOPROPYL ALCOHOL	5,000	N/D	140	20
METHANOL	3,000	N/D	100	20
N-HEPTANE	5,000	N/D	140	20
N-HEXANE	290	N/D	18	10
PENTANE	5,000	N/D	140	20
PROPANE	5,000	N/D	20	1
TOLUENE	890	N/D	53	1
TRICHLOROETHENE	1	N/D	0	0
XYLENES	2,170	N/D	130	20



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Accreditation #103104



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Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 09/19/2019 21:07:17

PCR - Agilent AriaMX Test	Test Method Used	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
STEC E.COLI*	USP 61/62†	ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
SALMONELLA*	USP 61/62†	ARIAMX PCR	5 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
ASPERGILLUS	USP 61/62†	ARIAMX PCR	ASP_LOD***	PRESENCE / ABSENT	BELOW LOD	PASS

† USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

* STEC and Salmonella run as Multiplex

*** Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA



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PJLA Testing
 Accreditation #103104



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Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030
GSL SOP 403

Uploaded: 09/21/2019 12:01:39

Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200	B/LOQ
CADMIUM (CD)	200	263
MERCURY (HG)	100	B/LOQ
LEAD (PB)	500	103

Lower Limit of Quantitation (LOQ) is 75 ppb



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