

CERTIFICATE OF ANALYSIS

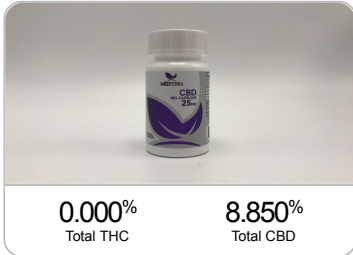


Order #: 27537
Order Name: Medterra CBD
Gel Capsules 25mg
Batch#: 1811002
Completed: 02/21/2019
Expires: 02/21/2020

Medterra CBD, LLC
9801 Research Drive
Irvine CA, 92618
(402) 880-2494
jplarsen@medterracbd.com



Sample



Cannabinoids Test

HPLC - Shimadzu LC2030C Plus

cannabinoids		weight(%)	mg/g
DELTA-9-TETRAHYDROCANNABINOL	D9-THC	N/D	N/D
TETRAHYDROCANNABINOLIC ACID	THCA	N/D	N/D
CANNABIDIOL	CBD	8.850%	88.500
CANNABIDIOLIC ACID	CBDA	N/D	N/D
CANNABIDIVARIN	CBDV	0.023%	0.230
CANNABICHROMENE	CBC	N/D	N/D
CANNABINOL	CBN	N/D	N/D
CANNABIGEROL	CBG	N/D	N/D
CANNABIGEROLIC ACID	CBGA	N/D	N/D
DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D

Notes

24.8mg CBD per capsule



4001 SW 47th Avenue Suite 207
Davie, FL 33314
1-833-TEST-CBD
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Dylan Swart, Lab Director

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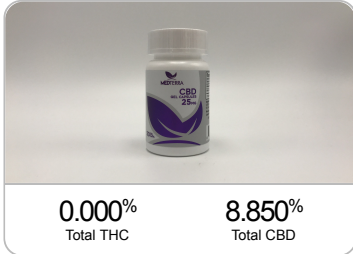


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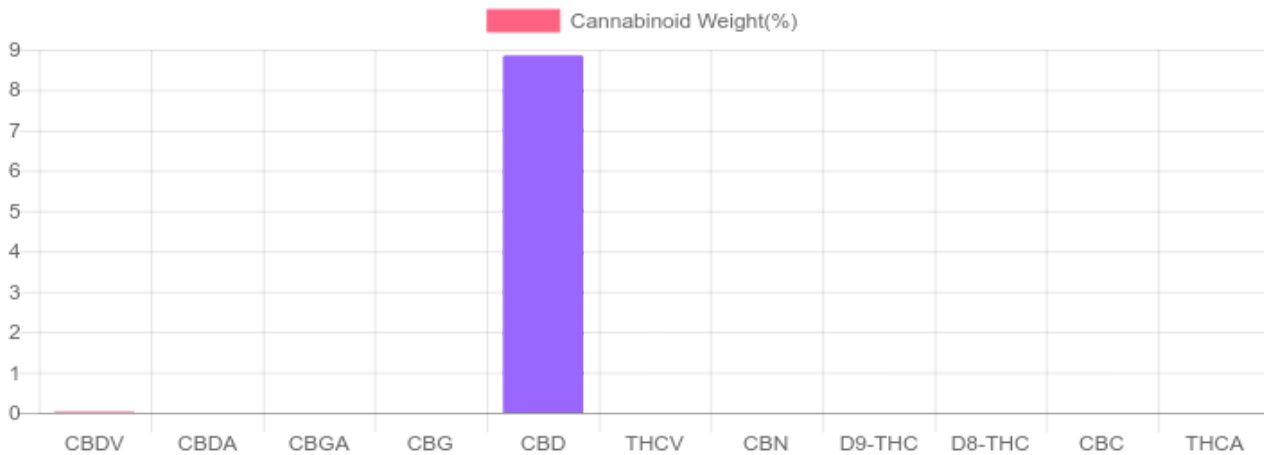


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DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D
TOTAL THC = D9-THC + THCA X 0.877		TOTAL THC	0.000%
TOTAL CBD = CBD + CBDA X 0.877		TOTAL CBD	8.850%
		TOTAL CANNABINOIDS	8.873%



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PESTICIDE ANALYSIS:

GC QQQ - Shimadzu GCMS-TQ8040

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

PESTICIDE ANALYSIS:

GC QQQ - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.003	0.001
IMIDACLOPRID	5.000	N/D	0.003	0.001
KRESOXIM-METHYL	0.100	N/D	0.003	0.001
MALATHION	0.500	N/D	0.003	0.001
METALAXYL	2.000	N/D	0.003	0.001
METHIOCARB	0.100	N/D	0.003	0.001
METHOMYL	1.000	N/D	0.003	0.001
MEVINPHOS	0.100	N/D	0.003	0.001
MYCLOBUTANIL	0.100	N/D	0.003	0.001
NALED	0.100	N/D	0.003	0.001
OXAMYL	0.500	N/D	0.003	0.001
PACLOBUTRAZOL	0.100	N/D	0.003	0.001
PERMETHRINS	0.500	N/D	0.003	0.001
PHOSMET	0.100	N/D	0.003	0.001
PIPERONYL BUTOXIDE	3.000	N/D	0.003	0.001
PRALLETHRIN	0.100	N/D	0.003	0.001
PROPICONAZOLE	0.100	N/D	0.003	0.001
PROPOXUR	0.100	N/D	0.003	0.001
PYRETHRINS (PYRETHRIN I)	0.500	N/D	0.003	0.001
PYRIDABEN	0.100	N/D	0.003	0.001
SPINETORAM	0.100	N/D	0.003	0.001
SPINOSAD	0.100	N/D	0.003	0.001
SPIROMESIFEN	0.100	0.030	0.003	0.001
SPIROTETRAMAT	0.100	N/D	0.003	0.001
SPIROXAMINE	0.100	N/D	0.003	0.001
TEBUCONAZOLE	0.100	N/D	0.003	0.001
THIACLOPRID	0.100	N/D	0.003	0.001
THIAMETHOXAM	5.000	N/D	0.003	0.001
TRIFLOXYSTROBIN	0.100	N/D	0.003	0.001

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



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RESIDUAL SOLVENTS:

GC-Headspace - Shimadzu GCMS QP2020 with HS20

Residual Solvent	Action Level (ppm)	Results (ppm)
ACETONE	5,000.000	N/D
ACETONITRILE	410.000	N/D
BENZENE	1.000	N/D
BUTANE	5,000.000	N/D
CHLOROFORM	1.000	N/D
DICHLOROETHANE	1.000	N/D
DICHLOROMETHANE	1.000	N/D
ETHANOL	5,000.000	N/D
ETHYL ACETATE	5,000.000	N/D
ETHYL ETHER	5,000.000	N/D
ISOPROPYL ALCOHOL	5,000.000	N/D
METHANOL	3,000.000	N/D
N-HEPTANE	5,000.000	N/D
N-HEXANE	290.000	N/D
PENTANE	5,000.000	N/D
PROPANE	5,000.000	N/D
TOLUENE	890.000	N/D
TRICHLOROETHANE	1.000	N/D
XYLENES	2,170.000	N/D



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Microbial Analysis:

PCR - Agilent AriaMX

Test	Pass/Fail	CFU
STEC E. COLI	PASS	
SALMONELLA	PASS	
ASPERGILLUS	PASS	

Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030


Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200.000	BELOW LOQ
CADMIUM (CD)	200.000	BELOW LOQ
MERCURY (HG)	100.000	BELOW LOQ
LEAD (PB)	500.000	BELOW LOQ

*Lower Limit of Quantitation (LOQ) is 50 ppb



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