

Order #: 38047 Order Name: 50mg CBD Breath Spray Energy & Focus Batch#: 190924-1 Received: 10/09/2019 Completed: 10/15/2019

**ReThink CBD** 11231 NW 20th Street Unit 140-195 Miami Florida, 33172 (888) 746-8223



#### Sample



N/D D9-THC 0.469% Total CBD

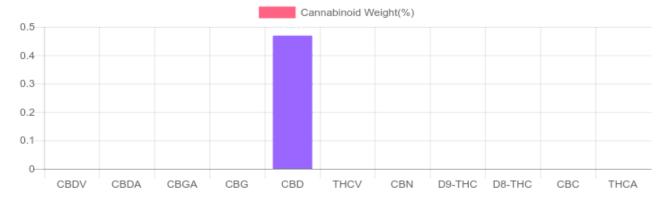
70.4 mg Cannabinoids per unit 70.4 mg CBD per unit

1 unit = 15 ml per unit x density (1) x Cannabinoid concentration

#### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400	PREPARED: 10/10/2019 20:54:40		UPLOADED: 10	/11/2019 13:58:30
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	0.469%	4.695	70.4
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*		0.469%	4.695	70.4
TOTAL CANNABINOIDS		0.469%	4.695	70.4



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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### **PESTICIDE ANALYSIS:**

GSL SOP 401 PREPARED: 10/10/2019 20:13:07 UPLOADED: 10/14/2019 20:12:56

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CHLORFENAPYR	0.010	N/D	0.003	0.001
COUMAPHOS	0.010	N/D	0.003	0.001
CYFLUTHRIN	0.010	N/D	0.003	0.001

Pesticide	Action Level	Results	LOQ	LOD
resticide	(ppm)	(ppm)	(ppm)	(ppm)
CYPERMETHRIN	0.500	N/D	0.003	0.001
PENTACHLORONITROBENZENE	0.030	N/D	0.003	0.001

LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.020	N/D	0.005	0.001	MALATHION	0.010	N/D	0.005	0.001
ACEPHATE	0.020	N/D	0.001	0.001	METALAXYL	0.010	N/D	0.001	0.001
ACEQUINOCYL	0.020	N/D	0.001	0.001	METHIOCARB	0.010	N/D	0.005	0.001
ACETAMIPRID	10.000	N/D	0.005	0.001	METHOMYL	0.010	N/D	0.001	0.001
ALDICARB	0.010	N/D	0.005	0.001	MEVINPHOS	0.010	N/D	0.001	0.001
AZOXYSTROBIN	0.100	N/D	0.001	0.001	MYCLOBUTANIL	0.020	N/D	0.005	0.001
BIFENAZATE	0.010	N/D	0.005	0.001	NALED	0.010	N/D	0.005	0.001
CHLORPYRIFOS	0.020	N/D	0.001	0.001	OXAMYL	0.026	N/D	0.001	0.001
CLOFENTEZINE	0.040	N/D	0.001	0.001	PACLOBUTRAZOL	0.010	N/D	0.005	0.001
DAMINOZIDE	0.010	N/D	0.005	0.001	PERMETHRINS	0.020	N/D	0.005	0.001
DIAZANON	0.010	N/D	0.001	0.001	PHOSMET	0.020	N/D	0.005	0.001
DICHLORVOS	0.020	N/D	0.005	0.001	PIPERONYL	3.000	N/D	0.001	0.001
DIMETHOATE	0.010	N/D	0.001	0.001	BUTOXIDE	3.000	IN/D	0.001	0.001
DIMETHOMORPH	0.010	N/D	0.005	0.001	PRALLETHRIN	0.020	N/D	0.005	0.005
ETHOPROPHOS	0.010	N/D	0.001	0.001	PROPICONAZOLE	0.020	N/D	0.010	0.005
ETOFENPROX	0.010	N/D	0.001	0.001	PROPOXUR	0.020	N/D	0.001	0.001
ETOXAZOLE	0.010	N/D	0.010	0.005	PYRETHRINS	0.500	N/D	0.005	0.005
FENHEXAMID	0.080	N/D	0.005	0.001	(PYRETHRIN I)	0.500	IN/D	0.005	0.005
FENOXYCARB	0.010	N/D	0.005	0.001	PYRIDABEN	0.020	N/D	0.005	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001	SPINETORAM	0.040	N/D	0.001	0.001
FIPRONIL	0.010	N/D	0.003	0.001	SPINOSAD	0.020	N/D	0.001	0.001
FLONICAMID	0.100	N/D	0.025	0.010	(SPINOSYN A)	0.020	IN/D	0.001	0.001
FLUDIOXONIL	0.020	N/D	0.003	0.001	SPINOSAD	0.020	N/D	0.001	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.001	(SPINOSYN D)	0.020	IN/D	0.001	0.001
IMAZALIL	0.010	N/D	0.005	0.001	SPIROMESIFEN	0.030	N/D	0.005	0.001
IMIDACLOPRID	0.020	N/D	0.005	0.001	SPIROTETRAMAT	0.020	N/D	0.001	0.001
KRESOXIM-METHYL	0.020	N/D	0.010	0.005	SPIROXAMINE	0.010	N/D	0.001	0.001
					TEBUCONAZOLE	0.010	N/D	0.005	0.001
					THIACLOPRID	0.010	N/D	0.001	0.001
					THIAMETHOXAM	0.010	N/D	0.001	0.001
					TDIEL 010/07D00011				

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



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TRIFLOXYSTROBIN



0.020



0.001

0.001

N/D

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#### **RESIDUAL SOLVENTS:**

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405 Prepared: 10/10/2019 18:53:39 Uploaded: 10/14/2019 21:43:42

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	17,472	140	20
THYL ACETATE	5,000	N/D	140	20
THYL ETHER	5,000	N/D	140	20
SOPROPYL 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
OLUENE	890	N/D	53	1
RICHLOROETHENE	1	N/D	0	0
YLENES	2,170	N/D	130	20











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#### **Microbial Analysis:**

Microbial Analysis GSL SOP 406

Uploaded: 10/14/2019 17:24:46

PCR - Agilent AriaMX <b>Test</b>	Test Method Used	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
PATHOGENIC E.COLI*	USP 61/62†	ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
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
LISTERIA MONOCYTOGENES		ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS

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

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<sup>\*</sup> STEC and Salmonella run as Multiplex



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#### **Mycotoxin Analysis:**

LC-MS - Shimadzu LCMS-8060 GSL SOP 401

Uploaded: 10/11/2019 21:52:53

Analyte	Action Lvl (ppb)	Results (ppb)
AFLATOXIN B1	20	N/D
AFLATOXIN B2	20	N/D
AFLATOXIN G1	20	N/D
AFLATOXIN G2	20	N/D
OCHRATOXIN A	20	N/D

LOQ is 4ppb, LOD is 1ppb

#### **Heavy Metals Analysis:**

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 10/11/2019 21:43:33

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

Lower Limit of Quantitation (LOQ) is 75 ppb



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