

Certificate of Analysis



Pure Kana

7272 Indian School Road Scottsdale, NV 85251

Sample: 1906ACE0974 | 05609

Strain: CBD-RICH HEMP OIL TINCTURE 300MG MINT

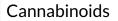
Sample Received: 06/26/2019; Report Created: 07/01/2019; Expires:

Lic.#

CBD-RICH HEMP OIL TINCTURE 300MG MINT

Ingestible. Tincture Harvest Process Lot: ; METRC Batch: ; METRC Sample:





1 unit = , 30g

12.852 mg per container Δ9-THC + Δ8-THC	315.177 mg per container CBD
Analyte LC	OQ Mass Mass
mg	g/g mg/g mg/unit
THCa 0.02	20 ND ND
Δ9-THC 0.02	20 0.43 12.85
Δ8-THC 0.02	20 ND ND
THCVa 0.02	20 ND ND
THCV 0.02	20 ND ND
CBDa 0.02	20 ND ND
CBD 0.02	20 10.51 315.18
CBDV 0.02	20 ND ND
CBN 0.02	20 ND ND
CBGa 0.02	20 ND ND
CBG 0.02	20 ND ND
CBC 0.02	20 ND ND
Total	10.934 328.028

Total THC = THCa * $0.877 + \Delta 9$ -THC + $\Delta 8$ -THC; Total CBD = CBDa * 0.877 + CBDLOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoids: SOP 2-POT; Moisture: SOP 2-MA; Terpenes: SOP 2-TER; Water Activity: 2-AW;

Safety	
Pass Microbials	Pass Foreign Matter
Pass 0.23900 aw Water Activity	Not Tested

Terpenes

Ϋ́Ϋ́Ύ			
Eucalyptus	Orange		
Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
Eucalyptol	0.02	0.12	0.01
δ-Limonene	0.02	0.04	0.00
α-Bisabolol	0.02	ND	ND
α-Humulene	0.02	ND	ND
α-Pinene	0.02	ND	ND
α-Terpinene	0.02	ND	ND
β-Caryophyllene	0.02	ND	ND
β-Myrcene	0.02	ND	ND
β-Pinene	0.02	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Camphene	0.02	ND	ND
Caryophyllene Oxide	0.02	ND	ND
δ-3-Carene	0.02	ND	ND
y-Terpinene	0.02	ND	ND
Geraniol	0.02	ND	ND
Guaiol	0.02	ND	ND
Isopulegol	0.02	ND	ND
Linalool	0.02	ND	ND
Ocimene	0.02	ND	ND
p-Cymene	0.02	ND	ND
Terpinolene	0.02	ND	ND
trans-Nerolidol	0.02	ND	ND
Total		0.16	0.016

Ace Analytical Laboratory 7151 Cascade Valley Ct. Las Vegas, NV

(702) 749-7429 Lic# 91781014075623623744 Darryl Johnson, PhD Scientific Director

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CBD-RICH HEMP OIL TINCTURE 300MG MINT

Ingestible. Tincture Harvest Proces

Harvest Process Lot: ; METR									
Pesticides		1	Not Te	ested	Microbials				Pass
Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
					Aerobic Bacteria	CFU/g 100	CFU/g (100000	CFU/g ND	Dace
					Bile-Tolerant Gram-Negative Bac		100000	ND	Pass Pass
					Coliforms	100	1000	ND	Pass
					E. Coli Salmonella		1	ND ND	Pass Pass
					LOQ = Limit of Quantitation; The rep applicable moisture content for that samples performed within specificati plating: SOP 2-MIC; Microbiology qF	sample; Unless other ions established by th	wise stated all c ne Laboratory. M	quality co Aicrobiolo	ntrol ogy
					Residual Solvents		N	ot Te	sted
					Analyte LOQ	Limit	Mass		Status
						Linint		<u>, </u>	Status
LOQ = Limit of Quantitation; Th applicable moisture content for samples performed within speci 2-PM;	that sample; Unless of	therwise stated	d all quality	/ control	LOQ = Limit of Quantitation; The rep applicable moisture content for that samples performed within specificati SOP 2-RSV;	ported result is based sample; Unless other	on a sample we wise stated all c	eight with quality co	the ntrol
applicable moisture content for samples performed within speci 2-PM;	that sample; Unless of	therwise stated by the Laborato	d all quality	/ control des: SOP	LOQ = Limit of Quantitation; The rep applicable moisture content for that samples performed within specificati	ported result is based sample; Unless other	on a sample we wise stated all c ne Laboratory. R	eight with quality co	the ntrol olvents:
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applicable moisture content for samples performed within speci 2-PM; Heavy Metals	that sample; Unless o fications established b	therwise stated by the Laborato	d all quality ory. Pesticio Not Te	ested	LOQ = Limit of Quantitation; The rep applicable moisture content for that samples performed within specificati SOP 2-RSV; Mycotoxins	ported result is based sample; Unless other ions established by th	on a sample we wise stated all c ne Laboratory. R	eight with quality co Residual So ot Te	the ntrol olvents: sted
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applicable moisture content for samples performed within speci 2-PM; Heavy Metals Analyte LOQ = Limit of Quantitation; Th applicable moisture content for samples performed within speci SOP 2-HIMN; e Analytical Laboratory 51 Cascade Valley Ct.	that sample; Unless or fications established f LOQ e reported result is ba that sample; Unless of	therwise stated by the Laborato Limit	d all quality Pesticio Not Te Mass le weight w d all quality ory. Heavy l	veontrol des: SOP ested <u>Status</u> vith the veontrol Metals: Darryl Jo	LOQ = Limit of Quantitation; The rep applicable moisture content for that samples performed within specificati SOP 2-RSV; Mycotoxins Analyte LOQ LOQ = Limit of Quantitation; The rep applicable moisture content for that samples performed within specificati	ported result is based sample; Unless other ions established by th Limit Dorted result is based sample; Unless other ions established by th Co Al	on a sample we wise stated all d the Laboratory. R Mass on a sample we wise stated all d the Laboratory. M wnfident Canna I Rights Reserv	eight with quality co Residual Se ot Te eight with quality co dycotoxin abis ved com	the ntrol olvents: •sted <u>Status</u> the ntrol



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desert valley

Cample mornation					
Sample Identification	300n	300mg Mint Tincture			
Laboratory Number	1	1910176-02			
Batch Number					
Matrix		Tincture			
Cannabinoid (HPLC)	mg/mL	mg/mL mg/unit %			
Compound					
THCA	NT	NT	NT		
delta 9-THC	NT	NT	NT		
delta 8-THC	NT	NT	NT		
THCV	NT	NT	NT		
CBDA	NT	NT	NT		
CBD	NT	NT	NT		
CBD-V	NT	NT	NT		
CBN	NT	NT	NT		
CBG	NT	NT	NT		
CBC	NT	NT	NT		
Cannabinoids Total	annabinoids Total				
Max Active THC	0.00	0.00	0.00		
Max Active CBD	0.00	0.00	0.00		
T.Active Cannabinoids					
Total Cannabinoids					
Max /	Active Ratios				
: 1 CBD to THC					

Sample Information

:1 THC to CBD

RS (GCMS-MS)	ppm	RL
Compound		
Acetone	NT	NT
Acetonitrile	NT	NT
Benzene	NT	NT
n-Butane	NT	NT
Carbon Tetrachloride	NT	NT
Chloroform	NT	NT
1,2-Dichloroethane	NT	NT
Ethanol	NT	NT
Ethyl acetate	NT	NT
Ethylene oxide	NT	NT
n-Heptane	NT	NT
n-Hexane	NT	NT
so-Butane	NT	NT
so-Pentane	NT	NT
Methylene Chloride	NT	NT
n-Pentane	NT	NT
Propane	NT	NT
2-Propanol (IPA)	NT	NT
Tetrahydrofuran	NT	NT
Toluene	NT	NT
Trichloroethane	NT	NT
o-xylene	NT	NT
Xylenes (m,p)	NT	NT



Metals	ppm	RL		
Compound				
Arsenic	NT	NT		
Cadmium	NT	NT		
Mercury	NT	NT		
Lead	NT	NT		
Perce	nt Moisture			
١	IT %			
Water Activity				
	NT			

RL = Reporting Limit NA = Not Applicable NT = Not Tested ND = Non Detected

	Terpenes (HPLC)	mg/mL	%
	Compound		
	alpha-Bisabolol	NT	NT
	(-)-Borneol and (+)-Borneol	NT	NT
	Camphene	NT	NT
	Camphor	NT	NT
	beta-Caryophyllene	NT	NT
	trans-Caryophyllene	NT	NT
	Caryophyllene Oxide	NT	NT
	alpha-Cedrene	NT	NT
	Cedrol	NT	NT
	Endo-fenchyl Alcohol	NT	NT
	Eucalyptol	NT	NT
	Fenchone	NT	NT
	Geraniol	NT	NT
	Geranyl acetate	NT	NT
	Guaiol	NT	NT
	Hexahydrothymol	NT	NT
	alpha-Humulene	NT	NT
	Isoborneol	NT	NT
	Isopulegol	NT	NT
	Limonene	NT	NT
	Linalool	NT	NT
	p-Mentha-1,5-diene	NT	NT
	beta-Myrcene	NT	NT
	trans-Nerolidol	NT	NT
	Ocimene Isomer 1	NT	NT
	alpha-Pinene	NT	NT
	beta-Pinene	NT	NT
	Pulegone	NT	NT
	Sabinene	NT	NT
	Sabinene Hydrate	NT	NT
٩.,	gamma-Terpinene	NT	NT
	alpha-Terpinene	NT	NT
	alpha-Terpineol	NT	NT
	3-Carene	NT	NT
	Ocimene Isomer 2	NT	NT
	gamma-Terpineol	NT	NT
	Terpinolene	NT	NT
	Valencene	NT	NT
	Nerol	NT	NT
	cis-Nerolidol	NT	NT
	Total Terpenes	NT	NT

desert valley

Sample Identification

Batch Number

Matrix

Sample Information
300mg Mint Tincture
1010176-02

RL = Reporting Limit 1910176-02 NA = Not Applicable NT = Not Tested ND = Non Detected Tincture Pesticides (LC-MS TQ) RL Pesticides (LC-MS TQ) ppm ppm Compound Compound ND 0.007 ND 0.004 Abamectin Acephate ND ND 0.002 0.020 Acequinocyl Acetamiprid ND 0.004 ND 0.002 Aldicarb Azoxystrobin 0.002 ND 0.002 ND Bifenazate Bifenthrin ND 0.004 ND 0.002 Boscalid Carbaryl 0.002 ND 0.002 ND Carbofuran Chlorantraniliprole ND 0.010 ND 0.002 Chlorpyrifos Chlorfenapyr ND 0.002 ND 0.010 Clofentezine Cyfluthrin ND 0.010 ND 0.010 Daminozide Cypermethrin ND 0.001 ND 0.002 DDVP (Dichlorvos) Diazinon ND ND 0.002 0.002 Dimethoate Ethoprophos ND 0.004 ND 0.001 Etofenprox Etoxazole ND 0.002 0.004 Fenoxycarb Fenpyroximate ND ND 0.004 ND 0.010 Flonicamid Fipronil ND 0.004 ND 0.010 Fludioxonil Hexythiazox ND 0.004 ND 0.002 Imazalil Imidacloprid ND 0.004 ND 0.005 Malathion Kresoxim-methyl ND 0.002 ND 0.002 Methiocarb Metalaxyl ND 0.004 ND 0.002 Methomyl MGK-264 ND 0.004 ND 0.005 Myclobutanil Naled ND 0.010 Paclobutrazol ND 0.004 Oxamyl 0.010 0.004 ND ND Parathion_methyl Permethrins ND 0.002 ND 0.020 Phosmet Piperonyl butoxide ND 0.002 ND 0.004 Prallethrin Propiconazole ND 0.002 ND 0.050 Propoxure Pyrethrins ND 0.002 ND 0.006 Pyridaben Spinosad

ND

ND

ND

ND

Spiromesifen

Spiroxamine

Thiacloprid

Trifloxystrobin

0.003

0.004

0.002

0.002

Spirotetramat

Tebuconazole

Thiamethoxam

ND

ND

ND

0.002

0.001

0.002