



Ace Analytical Laboratory

# Certificate of Analysis



PJLA Testing  
Accreditation #100224

1 of 2

## Pure Kana

7272 Indian School Road  
Scottsdale, NV 85251

Sample: 1906ACE0974\_I\_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:



### Safety

<b>Pass</b> Microbials	<b>Pass</b> Foreign Matter
<b>Pass</b> <i>0.23900 aw</i> Water Activity	<b>Not Tested</b> NT pH

### Cannabinoids

1 unit = , 30g

<b>12.852 mg per container</b> Δ9-THC + Δ8-THC	<b>315.177 mg per container</b> CBD
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Analyte	LOQ	Mass	Mass
	mg/g	mg/g	mg/unit
THCa	0.020	ND	ND
Δ9-THC	0.020	0.43	12.85
Δ8-THC	0.020	ND	ND
THCVa	0.020	ND	ND
THCV	0.020	ND	ND
CBDa	0.020	ND	ND
CBD	0.020	10.51	315.18
CBDV	0.020	ND	ND
CBN	0.020	ND	ND
CBGa	0.020	ND	ND
CBG	0.020	ND	ND
CBC	0.020	ND	ND
<b>Total</b>		<b>10.934</b>	<b>328.028</b>

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD  
LOQ = 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;

### Terpenes

Eucalyptus	Orange	
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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	<LOQ
Camphene	0.02	ND	ND
Caryophyllene Oxide	0.02	ND	ND
δ-3-Carene	0.02	ND	ND
γ-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
<b>Total</b>		<b>0.16</b>	<b>0.016</b>

Ace Analytical Laboratory  
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This product has been tested by Ace Analytical Labs using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Ace Analytical Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Ace Analytical Labs.



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### Pesticides

Not Tested

Analyte	LOQ	Limit	Mass	Status

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### Microbials

Pass

Analyte	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	100	100000	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
Coliforms	100	1000	ND	Pass
E. Coli		1	ND	Pass
Salmonella		1	ND	Pass

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### Residual Solvents

Not Tested

Analyte	LOQ	Limit	Mass	Status

LOQ = 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. Residual Solvents: SOP 2-RSV;

### Heavy Metals

Not Tested

Analyte	LOQ	Limit	Mass	Status

LOQ = 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. Heavy Metals: SOP 2-HMN;

### Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status

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Sample Information				RS (GCMS-MS)	ppm	RL	Terpenes (HPLC)	mg/mL	%
Sample Identification	300mg Mint Tincture			<b>Compound</b>			<b>Compound</b>		
Laboratory Number	1910176-02			Acetone	NT	NT	alpha-Bisabolol	NT	NT
Batch Number				Acetonitrile	NT	NT	(-)-Borneol and (+)-Borneol	NT	NT
Matrix	Tincture			Benzene	NT	NT	Camphene	NT	NT
<b>Cannabinoid (HPLC)</b>				n-Butane	NT	NT	Camphor	NT	NT
	mg/mL	mg/unit	%	Carbon Tetrachloride	NT	NT	beta-Caryophyllene	NT	NT
<b>Compound</b>				Chloroform	NT	NT	trans-Caryophyllene	NT	NT
THCA	NT	NT	NT	1,2-Dichloroethane	NT	NT	Caryophyllene Oxide	NT	NT
delta 9-THC	NT	NT	NT	Ethanol	NT	NT	alpha-Cedrene	NT	NT
delta 8-THC	NT	NT	NT	Ethyl acetate	NT	NT	Cedrol	NT	NT
THCV	NT	NT	NT	Ethylene oxide	NT	NT	Endo-fenchyl Alcohol	NT	NT
CBDA	NT	NT	NT	n-Heptane	NT	NT	Eucalyptol	NT	NT
CBD	NT	NT	NT	n-Hexane	NT	NT	Fenchone	NT	NT
CBD-V	NT	NT	NT	iso-Butane	NT	NT	Geraniol	NT	NT
CBN	NT	NT	NT	iso-Pentane	NT	NT	Geranyl acetate	NT	NT
CBG	NT	NT	NT	Methylene Chloride	NT	NT	Guaiol	NT	NT
CBC	NT	NT	NT	n-Pentane	NT	NT	Hexahydrothymol	NT	NT
<b>Cannabinoids Total</b>				Propane	NT	NT	alpha-Humulene	NT	NT
Max Active THC	0.00	0.00	0.00	2-Propanol (IPA)	NT	NT	Isoborneol	NT	NT
Max Active CBD	0.00	0.00	0.00	Tetrahydrofuran	NT	NT	Isopulegol	NT	NT
T.Active Cannabinoids				Toluene	NT	NT	Limonene	NT	NT
Total Cannabinoids				Trichloroethane	NT	NT	Linalool	NT	NT
<b>Max Active Ratios</b>				o-xylene	NT	NT	p-Mentha-1,5-diene	NT	NT
: 1 CBD to THC				Xylenes (m,p)	NT	NT	beta-Myrcene	NT	NT
:1 THC to CBD							trans-Nerolidol	NT	NT



Metals	ppm	RL
<b>Compound</b>		
Arsenic	NT	NT
Cadmium	NT	NT
Mercury	NT	NT
Lead	NT	NT
<b>Percent Moisture</b>		
NT %		
<b>Water Activity</b>		
NT		

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



Sample Information

Sample Identification  
Laboratory Number  
Batch Number  
Matrix

300mg Mint Tincture  
1910176-02  
  
Tincture

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

Pesticides (LC-MS TQ)	ppm	RL	Pesticides (LC-MS TQ)	ppm	RL
Compound			Compound		
Abamectin	ND	0.007	Acephate	ND	0.004
Acequinocyl	ND	0.020	Acetamiprid	ND	0.002
Aldicarb	ND	0.004	Azoxystrobin	ND	0.002
Bifenazate	ND	0.002	Bifenthrin	ND	0.002
Boscalid	ND	0.004	Carbaryl	ND	0.002
Carbofuran	ND	0.002	Chlorantraniliprole	ND	0.002
Chlorfenapyr	ND	0.010	Chlorpyrifos	ND	0.002
Clofentezine	ND	0.002	Cyfluthrin	ND	0.010
Cypermethrin	ND	0.010	Daminozide	ND	0.010
DDVP (Dichlorvos)	ND	0.001	Diazinon	ND	0.002
Dimethoate	ND	0.002	Ethoprophos	ND	0.002
Etofenprox	ND	0.004	Etoxazole	ND	0.001
Fenoxycarb	ND	0.002	Fenpyroximate	ND	0.004
Fipronil	ND	0.004	Flonicamid	ND	0.010
Fludioxonil	ND	0.004	Hexythiazox	ND	0.010
Imazalil	ND	0.004	Imidacloprid	ND	0.002
Kresoxim-methyl	ND	0.004	Malathion	ND	0.005
Metalaxyl	ND	0.002	Methiocarb	ND	0.002
Methomyl	ND	0.004	MGK-264	ND	0.002
Myclobutanil	ND	0.004	Naled	ND	0.005
Oxamyl	ND	0.010	Paclbutrazol	ND	0.004
Parathion_methyl	ND	0.010	Permethrins	ND	0.004
Phosmet	ND	0.002	Piperonyl butoxide	ND	0.020
Prallethrin	ND	0.002	Propiconazole	ND	0.004
Propoxure	ND	0.002	Pyrethrins	ND	0.050
Pyridaben	ND	0.002	Spinosad	ND	0.006
Spiromesifen	ND	0.003	Spirotetramat	ND	0.002
Spiroxamine	ND	0.004	Tebuconazole	ND	0.001
Thiacloprid	ND	0.002	Thiamethoxam	ND	0.002
Trifloxystrobin	ND	0.002			