

Certificate of Analysis

Sample Name:	CBD Tincture Strawberry 10ml
LIMS Sample ID:	181102Y058
Batch #:	
Sample Metrc ID:	
Sample Type:	Infused, Other
Batch Count:	
Sample Count:	
Unit Volume:	10 Milliliters per Unit

Moisture Test Results

Moisture	Ac Ac	ction Limit %		
Cannabinoid Test I	11/06/2018			
Cannabinoid analysis (HPLC, QSP 5-4-4-4)	utilizing High Performa	ance Liquid Chro	matograp	ohy
	mg/mL			OQ mg/m
THC	ND	0.000		.001
THCa	ND	0.000).001
CBD	190.943	0.000	057 C	0.001
CBDa	ND	0.000	038 C	0.001
CBN	ND	0.000	029 0	.001
CBDV	0.797	0.000	065 C	.001
CBDVa	ND	0.000		.001
CBG	ND	0.000		.001
CBGa	ND	0.000		0.001
THCV	ND	0.000		0.001
Δ8 - THC	ND	0.000		0.001
CBC	ND	0.000	095 0	0.001
Sum of Cannabinoids	: 191.740	1	917.400	mg/Unit
Total THC (Δ9THC+0.	877*THCa) ND		1909.430	ND mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87	877*THCa) ND 7*CBDa) 190.943			
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy	877*THCa) ND 7*CBDa) 190.943		11/0	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS)	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chror μg/g		11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma	11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1.2-Dichloroethane Benzene	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma	11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma	11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma	11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene chloride	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma	11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Chloride Trichloroethylene	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chror	natography - Ma	11/0 ss Spectre	mg/Unit
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Oxide Methylene Oxide Methylene Acide Acetone	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron µg/g NT NT NT NT NT NT NT	natography - Ma Action Limit µg/g	11/0 iss Spectro LOD µg/g	mg/Unit 6/2018 Dometry LOQ μg/g
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene chloride Trichloroethylene Acetonitrile Butane	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron µg/g NT NT NT NT NT NT ND ND	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0	11/0 ss Spectro LOD µg/g 371.43 0.657 107.06	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene chloride Trichloroethylene Acetonitrile Butane Ethanol	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron µg/g NT NT NT NT NT NT ND ND ND ND <loq< td=""><td>natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0</td><td>11/0 sss Spectro LOD μg/g 371.43 0.657 107.06 149.81</td><td>mg/Unit 6/2018 cometry LOQ μg/g 1088.28 1.925 313.69 438.94</td></loq<>	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0	11/0 sss Spectro LOD μg/g 371.43 0.657 107.06 149.81	mg/Unit 6/2018 cometry LOQ μg/g 1088.28 1.925 313.69 438.94
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1.2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Oxide Methylene Chloride Trichloroethylene Acetonitrile Butane Ethanol Ethanol Ethyl acetate	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron #9/9 NT NT NT NT NT NT ND ND ND ND <loq ND</loq 	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0	11/0 ss Spectro LOD µg/g 371.43 0.657 107.06 149.81 149.48	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Chloride Trichloroethylene Acetone Acetone Acetonitrile Butane Ethyla cetate Ethyl acetate Ethyl ether	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron µg/g NT NT NT NT NT NT NT NT ND ND ND ND ND ND	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0	11/0 ss Spectro LOD µg/g 371.43 0.657 107.06 149.81 149.48 375.12	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1099.1
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Oxide Methylene Chloride Trichloroethylene Acetone Acetone Acetone Acetone Ethanol Ethyl acetate Ethyl ether Heptane	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron µg/g NT NT NT NT NT NT ND ND ND ND ND ND ND ND ND	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0 5000.0	11/0 ss Spectro LOD μg/g 371.43 0.657 107.06 149.81 149.48 375.12 149.21	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1099.1 437.17
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene chloride Trichloroethylene Acetonitrile Butane Ethyl acetate Ethyl acetate Ethyl acetate Ethyl acetate Ethyl ether Heptane Hexane	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron µg/g NT NT NT NT NT NT ND ND ND ND ND ND ND ND ND ND	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 290.0	11/0 sss Spectro LOD μg/g 371.43 0.657 107.06 149.81 149.48 375.12 149.21 18.5	mg/Unit 6/2018 cometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1099.1 437.17 54.22
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1.2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Oxide Methylene Oxide Methylene Chloride Trichloroethylene Acetonitrile Butane Ethanol Ethanol Ethyl acetate Ethyl ether Heptane Hexane Isopropyl Alcohol	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0	11/0 ss Spectro LOD μg/g 371.43 0.657 107.06 149.81 149.48 375.12 149.21 18.5 74.61	mg/Unit 6/2018 cometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1097.1 437.17 54.22 218.59
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Oxide Methylene Oxide Methylene Oxide Methylene Oxide Methanol Ethanol Ethanol Ethyl ether Heptane Hexane Isopropyl Alcohol Methanol	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron Hg/g NT NT NT NT NT NT NT NT NT NT NT NT NT	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 3000.0	11/0 ss Spectro LOD μg/g 371.43 0.657 107.06 149.81 149.48 375.12 149.21 149.21 149.21 149.21 149.21 149.21 149.21 149.21	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1099.1 437.17 54.22 218.59 282.66
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Chloride Trichloroethylene Acetone Acetone Acetonitrile Butane Ethyl acetate Ethyl acetate	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0	11/0 ss Spectro LOD μg/g 371.43 0.657 107.06 149.81 149.48 375.12 149.21 18.5 74.61 96.47 149.25	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1099.1 437.17 54.22 218.59 282.66 437.31
Total THC (Δ9THC+0. Total CBD (CBD+0.87 Residual Solvent T Residual Solvent analy (GC - MS) 1,2-Dichloroethane Benzene Chloroform Ethylene Oxide Methylene Oxide Methylene Oxide Methylene Oxide Methylene Oxide Methanol Ethanol Ethanol Ethyl ether Heptane Hexane Isopropyl Alcohol Methanol	877*THCa) ND 7*CBDa) 190.943 est Results rsis utilizing Gas Chron Hg/g NT NT NT NT NT NT NT NT NT NT NT NT NT	natography - Ma Action Limit µg/g 5000.0 410.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 5000.0 3000.0	11/0 ss Spectro LOD μg/g 371.43 0.657 107.06 149.81 149.48 375.12 149.21 149.21 149.21 149.21 149.21 149.21 149.21 149.21	mg/Unit 6/2018 ometry LOQ μg/g 1088.28 1.925 313.69 438.94 437.97 1099.1 437.17 54.22 218.59 282.66

Date Collected:	11/02/2018		
Date Received:	11/04/2018		
Tested for:	Cannapresso		
License #:			
Address:	CA		
Produced by:			
License #:			
Address:			
Overall result for b	atch:		

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g / %		mg/g / %
α Bisabolol	NT		NT
α Pinene	NT		NT
	NT		NT
	NT	Myrcene	NT
	NT	Fenchol	NT
	NT	α Phellandrene	NT
α Humulene	NT		NT
	NT	Terpineol	NT
Valencene	NT	β Pinene	NT
Menthol	NT	R-(+)-Pulegone	NT
Nerolido	NT		NT
	NT	Citronellol	NT
Eucalyptol	NT	p-Cymene	NT
α Cedrene	NT		NT
	NT		NT
	NT		NT
	NT		NT
γ Terpinene	NT		
Total Terpene Concentra	ation:		NT
Microbiological Test F	Results	1	1/06/2018

PCR and fluorescence detection of microbiological impurities

Shiga toxin-producing Escherichia coli Salmonella spp.	ND ND	Action Limit ND ND
Aspergillus fumigatus	NT	
	NT	
	NT	
Aspergillus terreus	NT	
Sample Certification		



Josh Wurzer, President

Date: 11/07/2018

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Certificate of Analysis

11/02/2018

11/04/2018

Cannapresso

10ml

Address: CA Produced by: License #: Address: Overall result for batch:

Date Collected:

Date Received:

Tested for:

License #:

Pesticide Test Results

11/06/2018

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry

Speciforneity				
	hð/ð	Action Limit	ug/g Reporting L	.imit µg/g
Abamectin	ND	0.3	0.05	
Bifenazate	ND	5.0	0.05	
Bifenthrin	ND	0.5	0.25	
Boscalid	ND	10.0	0.05	
Etoxazole	ND	1.5	0.05	
Imidacloprid	ND	3.0	1.5	
Myclobutanil	ND	9.0	0.05	
Piperonylbutoxide	ND	8.0	1.5	
Pyrethrins	ND	1.0	0.25	
Spinosad	ND	3.0	0.05	
Spiromesifen	ND	12.0	0.05	
Spirotetramat	ND	13.0	0.05	

Sample Certification



Josh Wurzer, President

Date: 11/07/2018

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Certificate of Analysis

Sample Name:	CBD Tincture Strawberry 10ml	Date Collected:	11/02/2018
LIMS Sample ID:	181102Y058	Date Received:	11/04/2018
Batch #:		Tested for:	Cannapresso
Sample Metrc ID:		License #:	
Sample Type:	Infused, Other	Address:	CA
Batch Count:		Produced by:	
Sample Count:		,	
Unit Volume:	10 Milliliters per Unit	License #:	
		Address:	
		Overall result for ba	atch:

Label Claim Test Results

Cannabinoids				N
Description N/A	Claim N/A	Actual N/A	% Diff N/A	Fail Limit
Terpenoids				
Description N/A	Claim N/A	Actual N/A	% Diff N/A	Fail Limit N/A
Note				

Foreign Material Test Results

Sample Certification



Josh Wurzer, President

Date: 11/07/2018

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CoA ID: 181102Y058-001 - Page 3 of 3

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