

500mg Citrus - Peace - 19267C

Citrus

PEACE

Sample ID: 1910CML0122.0440 Strain: 500mg Citrus Matrix: Other Type: Other Sample Size: 1 units; Batch: 30 g Produced: Collected: 09/26/2019 Received: 09/27/2019 Completed: 10/02/2019 Batch#: B19G11



Summary

Summary		
Test	Date Tested	Result
Batch		Pass
Cannabinoids	10/02/2019	Complete
Water Activity	10/02/2019	0.49 aw - Pass
Terpenes	10/02/2019	Complete
Residual Solvents	10/02/2019	Pass
Microbials	10/02/2019	Pass
Mycotoxins	10/02/2019	Pass
Pesticides	10/02/2019	Pass
Heavy Metals	10/02/2019	Pass
Foreign Matter	10/02/2019	Pass

Cannabinoids

Complete

	0.00883 mg/mL	16	.18868 mg/n	٦L	16.21101 mg/mL
	Total THC		Total CBD		Total Cannabinoids
Analyte	LOD	LOQ	Result	Result	
	mg/mL	mg/mL	mg/mL	mg/g	
THCa	0.00010	0.00048	ND	ND	
∆9-THC	0.00010	0.00048	0.00883	0.00928	
∆8-THC	0.00010	0.00048	0.00785	0.00825	
THCV	0.00010	0.00048	ND	ND	
CBDa	0.00010	0.00048	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
CBD	0.00010	0.00048	16.18868	17.01706	
CBN	0.00010	0.00048	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
CBGa	0.00010	0.00048	ND	ND	
CBG	0.00010	0.00048	0.00565	0.00594	
CBC	0.00010	0.00048	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Total THC			0.00883	0.00928	
Total CBD			16.18868	17.01706	
Total			16.21101	17.04053	

1 mL = 0.951320755g.

Total THC = THCa * 0.877 + Δ 9-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. Analytical Method: HPLC; SOP: HPLC-001-200



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Jennifer Knaack - Laboratory Director 10/02/2019

Moisture Analytical Method: Moisture Balance; SOP: MOS-001-00; Foreign Material Analytical Method: Visual Inspection; SOP: FM-001-00; Water Activity Analytical Method: Novasina LabMaster-aw Neo; SOP: WA-001-00. All Laboratory Quality Control samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730. Values reported relate only to the product tested. CanMed 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 CanMed Labs.



500mg Citrus - Peace - 19267C

Sample ID: 1910CML0122.0440 Strain: 500mg Citrus	Produced: Collected: 09/26/2019	Client Natural Hemp Company	
Matrix: Other	Received: 09/27/2019	Lic.#	
Type: Other	Completed: 10/02/2019	69605 Centinela	
Sample Size: 1 units; Batch: 30 g	Batch#: B19G11	Culver City, TN 90230	

Pesticides

LOD LOQ LOD Analyte Limit Mass Status Analyte LOO Limit Mass Status µg/g µg/g µg/g µg/g µg/g µg/g µg/g $\mu g/g$ Abamectin 0.1 0.1 ND Pass Fludioxonil 0.1 0.1 ND Pass 0.0125 0.1 0.0125 0.1 Acephate 0.1 ND Pass Hexythiazox 0.1 ND Pass 0.05 0.1 ND Pass 0.0125 0.0125 Acequinocyl 01 Imazalil 01 ND Pass Acetamiprid 0.0125 0.1 ND Pass Imidacloprid 0.0125 0.1 ND Pass Aldicarb 0.0125 0.1 ND Pass Kresoxim Methyl 0.1 0.1 ND Pass Azoxystrobin 0.0125 0.1 ND Pass Malathion 0.0125 0.1 0.5 ND Pass Bifenazate 0.1 ND Pass 0.1 ND 0.0125 0.1 Metalaxyl 0.0125 Pass ND Pass Pass Bifenthrin 0.0125 01 3 Methiocarb 0.0125 01 0.0125 ND Boscalid 0.0125 0.1 ND Pass Methomyl 0.0125 0.1 ND Pass 0.1 1 Captan 0.0175 0.7 ND Pass **Methyl Parathion** 0.025 0.1 ND Pass Carbaryl 0.1 ND Pass Mevinphos 0.0125 0.1 0.0125 ND Pass Carbofuran 0.0125 0.1 0.0125 ND Pass Myclobutanil 0.0125 0.1 0.1 ND Pass 0.0125 Chlorantraniliprole 0.1 ND Pass Naled 0.0125 0.1 0.1 ND 10 Pass Chlordane 0.025 01 0.025 ND Pass Oxamyl 0.0125 01 05 ND Pass Chlorfenapyr 0.01 0.1 ND Pass Paclobutrazol 0.0125 0.1 0.0125 ND Pass Chlorpyrifos 0.0125 0.1 0.0125 ND Pass Pentachloronitrobenzene 0.1 0.1 ND Pass Clofentezine 0.1 ND Pass Permethrin 0.0125 0.5 ND Pass Coumaphos 0.0125 0.1 0.0125 ND Pass Phosmet 0.0125 0.1 0.1 ND Pass Pass Cyfluthrin 0.3 ND **Piperonyl Butoxide** 0.0125 0.1 3 ND Pass Cypermethrin 0.075 0.3 ND Prallethrin 0.05 ND 1 Pass 0.1 0.1 Pass 0.05 Daminozide 0.05 0.1 ND Pass Propiconazole 0.0125 0.1 0.1 ND Pass DDVP 0.025 0.1 ND Pass Propoxur 0.0125 0.1 0.0125 ND Pass 0.0125 0.075 0.5 Diazinon 0.1 ND Pass Pyrethrins 0.1 ND Pass Pass Pass 0.0125 0.1 0.0125 ND Pyridaben 0.0125 01 01 ND Dimethoate 0.0125 0.1 2 ND 0.0125 0.1 ND Dimethomorph Pass Spinetoram 0.1 Pass 0.0125 0.1 0.0125 ND Pass Spinosad 0.0125 0.1 0.1 ND Pass Ethoprophos Etofenprox 0.0125 0.1 0.0125 ND Pass Spiromesifen 0.025 0.1 0.1 ND Pass Etoxazole 0.0125 0.1 0.1 ND Pass Spirotetramat 0.0125 0.1 0.1 ND Pass 0.1 ND Fenhexamid 0.0125 0.1 ND Pass Spiroxamine 0.0125 0.1 0.0125 Pass 0.1 Pass 0.1 ND Pass ND Tebuconazole 0.1 Fenoxycarb 0.0125 0.1 ND Pass Thiacloprid 0.0125 ND Pass Fenpyroximate 0.1 0.1 0.0125 0.1 Thiamethoxam Fipronil 0.0125 0.0125 ND Pass 0.0125 0.1 5 ND Pass Flonicamid 0.0125 0.1 ND Pass Trifloxystrobin 0.0125 0.1 0.1 ND Pass 0.1

Date Tested: 10/02/2019

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Analytical Method: LCMS/MS & GCMS; SOP: LCMSPESF-001.200, LCMSPESO-001-200 & GCPES-001.200





Pass

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Sample Size: 1 units; Batch: 30 g	Batch#: B19G11	Culver City, TN 90230	

Residual Solvents

Analyte	LOD	LOQ	Limit	Mass	Statu
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.36	0.96	1	ND	Pas
Acetone	0.24	0.96	5000	2.181	Pas
Acetonitrile	0.06	0.96	410	<loq< td=""><td>Pas</td></loq<>	Pas
Benzene	0.36	0.96	1	ND	Pas
Butane	0.375	6	5000	ND	Pas
Chloroform	0.36	0.96	1	ND	Pas
Ethanol	0.12	0.96	5000	<loq< td=""><td>Pas</td></loq<>	Pas
Ethyl-Acetate	0.36	0.96	5000	168.350	Pas
Ethyl-Ether	0.12	0.96	5000	ND	Pas
Ethylene Oxide	0.36	0.72	1	ND	Pas
Heptane	0.36	0.96	5000	ND	Pas
Isopropanol	0.12	0.96	5000	11.912	Pas
Methanol	0.24	0.96	3000	<loq< td=""><td>Pas</td></loq<>	Pas
Methylene-Chloride	0.36	0.96	1	ND	Pas
n-Hexane	0.12	0.96	290	<loq< td=""><td>Pas</td></loq<>	Pas
Pentane	0.48	0.96	5000	ND	Pas
Propane	1.2	2.4	5000	ND	Pas
Toluene	0.36	0.96	890	ND	Pas
Trichloroethene	0.36	0.96	1	ND	Pas
Xylenes	0.12	1.92	2170	ND	Pas

Date Tested: 10/02/2019

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Analytical Method: GCMS; SOP: GCRS-001.200



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Microbials

Pass

Analyte	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing E. Coli	Not Detected in 1g	Pass
Salmonella	Not Detected in 1g	Pass

Date Tested: 10/02/2019 TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Analytical Method: Pathogen DXV; SOP: PCR-001-00

Mycotoxins					Pass
Analyte	LOD	LOQ	Limit	Units	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	0.0025	0.005		ND	Tested
B2	0.0025	0.005		ND	Tested
G1	0.0025	0.005		ND	Tested
G2	0.0025	0.005		ND	Tested
Total Aflatoxins	0.0025	0.005	20	ND	Pass
Ochratoxin A	0.0025	0.005	20	ND	Pass

Date Tested: 10/02/2019 LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Analytical Method: LCMS/MS; SOP: LCMS-MTX-001.200

Heavy Metals					Pass
Analyte	LOD	LOQ	Limit	Units	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.01	0.05	0.2	ND	Pass
Cadmium	0.01	0.05	0.2	ND	Pass
Lead	0.01	0.05	0.5	ND	Pass
Mercury	0.01	0.05	0.1	ND	Pass

Date Tested: 10/02/2019

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Terpenes

Analyte	LOD	LOQ	Mass	Mass	Analyte	LOD	LOQ	Mass	Mass
	mg/g	mg/g	mg/g	%		mg/g	mg/g	mg/g	%
R(+)-Limonene	0.0100	0.08	3.72	0.372	Eucalyptol	0.0100	0.08	ND	ND
3-Carene	0.0100	0.08	ND	ND	y-Terpinene	0.0100	0.08	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
α-Bisabolol	0.0200	0.08	ND	ND	y-Terpineol	0.0800	0.08	ND	ND
α-Cedrene	0.0100	0.08	ND	ND	Geraniol	0.0400	0.08	ND	ND
α-Humulene	0.0100	0.08	ND	ND	Geranyl Acetate	0.0200	0.08	ND	ND
α-Phellandrene	0.0100	0.08	ND	ND	Guaiol	0.0200	0.08	ND	ND
α-Pinene	0.0100	0.08	<loq< th=""><th><loq< th=""><th>Hexahydro Thymol</th><th>0.0200</th><th>0.08</th><th>ND</th><th>ND</th></loq<></th></loq<>	<loq< th=""><th>Hexahydro Thymol</th><th>0.0200</th><th>0.08</th><th>ND</th><th>ND</th></loq<>	Hexahydro Thymol	0.0200	0.08	ND	ND
α-Terpinene	0.0100	0.08	ND	ND	Isoborneol	0.0100	0.08	ND	ND
β-Caryophyllene	0.0200	0.08	ND	ND	Isopulegol	0.0400	0.08	ND	ND
β-Myrcene	0.0100	0.08	<loq< th=""><th><loq< th=""><th>Linalool</th><th>0.0200</th><th>0.08</th><th>ND</th><th>ND</th></loq<></th></loq<>	<loq< th=""><th>Linalool</th><th>0.0200</th><th>0.08</th><th>ND</th><th>ND</th></loq<>	Linalool	0.0200	0.08	ND	ND
β-Pinene	0.0100	0.08	<loq< th=""><th><loq< th=""><th>Nerol</th><th>0.0400</th><th>0.08</th><th>ND</th><th>ND</th></loq<></th></loq<>	<loq< th=""><th>Nerol</th><th>0.0400</th><th>0.08</th><th>ND</th><th>ND</th></loq<>	Nerol	0.0400	0.08	ND	ND
Borneol	0.0100	0.08	ND	ND	Ocimene		0.08	ND	ND
Camphene	0.0100	0.08	ND	ND	Pulegone	0.0200	0.08	ND	ND
Camphor	0.0100	0.08	ND	ND	Sabinene	0.0100	0.08	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Cedrol	0.0200	0.08	ND	ND	Terpinolene	0.0100	0.08	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
cis-Nerolidol	0.0200	0.08	ND	ND	trans-Nerolidol	0.0400	0.08	ND	ND
Endo-Fenchyl Alcohol	0.0100	0.08	ND	ND	Valencene	0.0200	0.08	ND	ND
					Total			3.72	0.372

Primary Aromas



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