

PharmLabs San Diego Certificate of Analysis



Sample 1:1 CBD:THC Lozenge LPC14017001

Delta9 THC	33.98%	THCa	1.37%	Total THC (THC + THCa)	35.35%
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Sample ID 170309-067 (20237)	Matrix Edible/Tincture (Other Cannabis Good)
Tested for Pure Ratios (IBC)	
Sampled -	Received Mar 09, 2017
Analyses executed CAN, MIBNIG, PES	Reported May 02, 2017
	Unit Mass (g) 0.503

CAN - Cannabinoids Analysis

| Instrument HPLC-VWD | Method SOP-001  
 The expanded Uncertainty of the Cannabinoid analysis is approximately 7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Cannabidiolic Acid (CBDA)	0.001	0.16	0.01	0.08	0.04
Cannabigerol (CBG)	0.001	0.16	0.17	1.68	0.84
Cannabidiol (CBD)	0.001	0.16	5.26	52.57	26.44
Cannabinol (CBN)	0.001	0.16	0.09	0.86	0.43
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	3.40	33.98	17.09
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	NT	NT	NT
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	NT	NT	NT
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	NT	NT	NT
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.16	1.56	0.79
Total THC ( THCa * 0.877 + Δ9THC )			3.53	35.35	17.78
Total CBD ( CBDA * 0.877 + CBD )			5.26	52.64	26.48
Total Cannabinoids Analyzed			9.05	90.52	45.53

MIBNIG - Microbial Analysis

| Instrument Plating | Method SOP-007

Analyte	LOD	LOQ	Result CFU/g	Limit	Analyte	LOD	LOQ	Result CFU/g	Limit
Total Aerobic Bacteria			10		Total Mold			ND	
Total Yeast			ND						

UI Unidentified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count



DCC license: C8-0000098-LIC  
 DEA license: RP0611043  
 ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Jacquyn Mauser - Lab Director  
 Tue, 02 May 2017 04:27:14 -0700

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PES - Pesticides Analysis  
 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	NT	0.0078	Carbofuran	0.01	0.02	NT	0.01
Dimethoate	0.01	0.02	NT	0.01	Etofenprox	0.02	0.1	NT	0.02
Fenoxycarb	0.01	0.02	NT	0.01	Thiachloprid	0.01	0.02	NT	0.01
Daminozide	0.01	0.03	NT	0.01	Dichlorvos	0.02	0.07	NT	0.02
Imazalil	0.02	0.07	NT	0.02	Methiocarb	0.01	0.02	NT	0.01
Spiroxamine	0.01	0.02	NT	0.01	Coumaphos	0.01	0.02	NT	0.01
Fipronil	0.01	0.1	NT	0.01	Paclbutrazol	0.01	0.03	NT	0.01
Chlorpyrifos	0.01	0.04	NT	0.01	Ethoprophos (Prophos)	0.01	0.02	NT	0.01
Baygon (Propoxur)	0.01	0.02	NT	0.01	Chlordane	0.04	0.1	NT	0.04
Chlorfenapyr	0.03	0.1	NT	0.03	Methyl Parathion	0.02	0.1	NT	0.02
Mevinphos	0.03	0.08	NT	0.03	Abamectin	0.03	0.08	NT	0.3
Acephate	0.02	0.05	NT	5	Acetamiprid	0.01	0.05	NT	5
Azoxystrobin	0.01	0.02	NT	40	Bifenazate	0.01	0.05	NT	5
Bifenthrin	0.02	0.35	NT	0.5	Boscalid	0.01	0.03	NT	10
Carbaryl	0.01	0.02	NT	0.5	Chlorantraniliprole	0.01	0.04	NT	40
Clofentezine	0.01	0.03	NT	0.5	Diazinon	0.01	0.02	NT	0.2
Dimethomorph	0.02	0.06	NT	20	Etoxazole	0.01	0.05	NT	15
Fenpyroximate	0.02	0.1	NT	2	Flonicamid	0.01	0.02	NT	2
Fludioxonil	0.01	0.05	NT	30	Hexythiazox	0.01	0.03	NT	2
Imidacloprid	0.01	0.05	NT	3	Kresoxim-methyl	0.01	0.03	NT	1
Malathion	0.01	0.05	NT	5	Metalaxyl	0.01	0.02	NT	15
Methomyl	0.02	0.05	NT	0.1	Myclobutanil	0.02	0.07	NT	9
Naled	0.01	0.02	NT	0.5	Oxamyl	0.01	0.02	NT	0.2
Permethrin	0.01	0.02	NT	20	Phosmet	0.01	0.02	NT	0.2
Piperonyl Butoxide	0.02	0.06	NT	8	Propiconazole	0.03	0.08	NT	20
Prallethrin	0.02	0.05	NT	0.4	Pyrethrin	0.05	0.41	NT	1
Pyridaben	0.02	0.07	NT	3	Spinosad A	0.01	0.05	NT	3
Spinosad D	0.01	0.05	NT	3	Spiromesifen	0.02	0.06	NT	12
Spirotetramat	0.01	0.02	NT	13	Tebuconazole	0.01	0.02	NT	2
Thiamethoxam	0.01	0.02	NT	4.5	Trifloxystrobin	0.01	0.02	NT	30
Acequinocyl	0.02	0.09	NT	4	Captan	0.01	0.02	NT	5
Cypermethrin	0.02	0.1	NT	1	Cyfluthrin	0.04	0.1	NT	1
Fenhexamid	0.02	0.07	NT	10	Spinetoram J.L	0.02	0.07	NT	3
Pentachloronitrobenzene	0.01	0.1	NT	0.2					

UJ Unidentified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
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