

PharmLabs San Diego Certificate of Analysis



Sample 50 mg CBD Lozenge LPCO5017001

Delta9 THC 0.20% THCa 0.87% Total THC (THC + THCa) 1.07%

Sample ID 170309-066 (20236)	Matrix Edible/Tincture (Other Cannabis Good)
Tested for Pure Ratios (IBC)	
Sampled -	Received Mar 09, 2017
Analyses executed CAN, MIBNIG, PES	Reported May 01, 2017
	Unit Mass (g) 0.508

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	0.32	3.15	1.60
Cannabigerol (CBG)	0.001	0.16	0.11	1.06	0.54
Cannabidiol (CBD)	0.001	0.16	10.97	109.74	55.75
Cannabinol (CBN)	0.001	0.16	0.01	0.14	0.07
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.02	0.20	0.10
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	0.10	0.99	0.50
Total THC (THCa * 0.877 + Δ9THC)			0.11	1.07	0.54
Total CBD (CBDA * 0.877 + CBD)			11.25	112.50	57.15
Total Cannabinoids Analyzed			11.48	114.77	58.30

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

Jaclyn Mauser - Lab Director
 Mon, 01 May 2017 04:21:06 -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	Paclobutrazol	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	Etoazole	0.01	0.05	NT	15
Fenpyroximate	0.02	0.1	NT	2	Fonicamid	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					

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