

PharmLabs San Diego [Certificate of Analysis](#)



Sample **50 mg CBD Lozenge LPCO5017001**

Delta9 THC	0.20%	THCa	0.99%	Total THC (THCa * 0.877 + THC)	1.07%
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Sample ID 170309-066 (20236)	Matrix	Edible/Tincture
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

| Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Cannabidiolic Acid (CBDA)	0.033	0.16	0.32	3.15	1.60
Cannabigerol (CBG)	0.048	0.16	0.11	1.06	0.54
Cannabidiol (CBD)	0.069	0.229	10.97	109.74	55.75
Cannabinol (CBN)	0.047	0.16	0.01	0.14	0.07
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.02	0.20	0.10
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	NT	NT	NT
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	NT	NT	NT
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	NT	NT	NT
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	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

| Instrument Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	NT	
Salmonella spp.	1.0	1.0	NT	

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. 85368



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Authorized Signature

Jaclyn Mauser - Lab Director
Mon, 01 May 2017 04:21:06 -0700

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PES - Pesticides

| 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	0.01	0.02	NT		Carbofuran	0.01	0.02	NT	
Dimethoate	0.01	0.02	NT		Etofenprox	0.02	0.1	NT	
Fenoxycarb	0.01	0.02	NT		Thiachloprid	0.01	0.02	NT	
Daminozide	0.01	0.03	NT		Dichlorvos	0.02	0.07	NT	
Imazalil	0.02	0.07	NT		Methiocarb	0.01	0.02	NT	
Spiroxamine	0.01	0.02	NT		Coumaphos	0.01	0.02	NT	
Fipronil	0.01	0.1	NT		Paclubutrazol	0.01	0.03	NT	
Chlorpyrifas	0.01	0.04	NT		Ethoprophos (Prophos)	0.01	0.02	NT	
Baygon (Propoxur)	0.01	0.02	NT		Chlordane	0.04	0.1	NT	
Chlorfenapyr	0.03	0.1	NT		Methyl Parathion	0.02	0.1	NT	
Mevinphos	0.03	0.08	NT		Abamectin	0.03	0.08	NT	
Acephate	0.02	0.05	NT		Acetamiprid	0.01	0.05	NT	
Azoxystrobin	0.01	0.02	NT		Bifenazate	0.01	0.05	NT	
Bifenthrin	0.02	0.35	NT		Boscalid	0.01	0.03	NT	
Carbaryl	0.01	0.02	NT		Chlorantraniliprole	0.01	0.04	NT	
Clofentezine	0.01	0.03	NT		Diazinon	0.01	0.02	NT	
Dimethomorph	0.02	0.06	NT		Etoxazole	0.01	0.05	NT	
Fenpyroximate	0.02	0.1	NT		Flonicamid	0.01	0.02	NT	
Fludioxonil	0.01	0.05	NT		Hexythiazox	0.01	0.03	NT	
Imidacloprid	0.01	0.05	NT		Kresoxim-methyl	0.01	0.03	NT	
Malathion	0.01	0.05	NT		Metaxalyl	0.01	0.02	NT	
Methomyl	0.02	0.05	NT		Myclobutanil	0.02	0.07	NT	
Naled	0.01	0.02	NT		Oxamyl	0.01	0.02	NT	
Permethrin	0.01	0.02	NT		Phosmet	0.01	0.02	NT	
Piperonyl Butoxide	0.02	0.06	NT		Propiconazole	0.03	0.08	NT	
Prallethrin	0.02	0.05	NT		Pyrethrin	0.05	0.41	NT	
Pyridaben	0.02	0.07	NT		Spinosad A	0.01	0.05	NT	
Spinosad D	0.01	0.05	NT		Spiromesifen	0.02	0.06	NT	
Spirotetramat	0.01	0.02	NT		Tebuconazole	0.01	0.02	NT	
Thiamethoxam	0.01	0.02	NT		Trifloxystrobin	0.01	0.02	NT	
Acequinocyl	0.02	0.09	NT		Captan	0.01	0.02	NT	
Cypermethrin	0.02	0.1	NT		Cyfluthrin	0.04	0.1	NT	
Fenhexamid	0.02	0.07	NT		Spinetoram J.L	0.02	0.07	NT	
Pentachloronitrobenzene	0.01	0.1	NT		Chlormequat Chloride	0.02	0.1	NT	

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N/A Not Applicable
NT Not Reported
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LOQ Limit of Quantification
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