QA Testing

PharmLabs San Diego Certificate of Analysis

Sample **1:1 CBD:THC Lozenge LPC14017001**

Sample ID **170309-067 (20237)**		Matrix **Edible/Tincture**	
Tested for **Pure Ratios (IBC)**			
Sampled **-**	Received **Mar 09, 2017**	Reported **May 02, 2017**	
Analyses executed **CAN, MIBNIG, PES**		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)	0.126	0.42	NT	NT	NT
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.118	0.39	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

PJLA Testing
Acc. #85368

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

Scan the QR code to verify authenticity.

Authorized Signature

Jaclyn 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**

CAPPELLE	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	0	Carbofuran	0.01	0.02	NT	0
Dimethoate	0.01	0.02	NT	0	Etofenprox	0.02	0.1	NT	0
Fenoxycarb	0.01	0.02	NT	0	Thiachloprid	0.01	0.02	NT	0
Daminozide	0.01	0.03	NT	0	Dichlorvos	0.02	0.07	NT	0
Imazalil	0.02	0.07	NT	0	Methiocarb	0.01	0.02	NT	0
Spiroxamine	0.01	0.02	NT	0	Coumaphos	0.01	0.02	NT	0
Fipronil	0.01	0.1	NT	0	Paclobutrazol	0.01	0.03	NT	0
Chlorpyrifos	0.01	0.04	NT	0	Ethoprophos (Prophos)	0.01	0.02	NT	0
Baygon (Propoxur)	0.01	0.02	NT	0	Chlordane	0.04	0.1	NT	0
Chlorfenapyr	0.03	0.1	NT	0	Methyl Parathion	0.02	0.1	NT	0
Mevinphos	0.03	0.08	NT	0	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	1.5
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	Chlormequat Chloride	0.02	0.1	NT	0.2

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