



Certificate of Analysis

CLIENT:	Pure Ratios (IBC)	SAMPLE:	50 mg CBD Lozenge LPCO5017001 (20236)
ADDRESS:		LABORATORY ID:	170309-066
		SAMPLE ID:	-
		LOT ID:	-
ATTN:	William Conner	RECEIVED ON:	03.09.2017
		REPORTED DATE:	04.27.2017

CANNABINOID		mg/g	mg/Unit
Tetrahydrocannabinol	THC	0.20	0.10
Tetrahydrocannabinolic Acid	THCA	0.99	0.50
Cannabidiol	CBD	109.74	55.75
Cannabidiolic Acid	CBDA	3.15	1.60
Cannabinol	CBN	0.14	0.07
Cannabigerol	CBG	1.06	0.54

Cannabinoid Total = CBx + CBxA x 0.877

Total THC (mg/Unit) 0.5
Total CBD (mg/Unit) 57.2
Unit mass (g) 0.508

MICROBIAL	Result	Unit	State Limit	Retest Limit
Total Mold	-1	CFU/g	10,000	50,000
Total Yeast	-1	CFU/g	10,000	50,000
Total Aerobic Bacteria	10	CFU/g	100,000	200,000

MYCOTOXIN	Result	Unit	State Limit	Retest Limit
Not Reported	NR	CFU/g	NA	NA

HEAVY METALS	Concentration	Unit	State Limit
Not Reported	NR	PPM	NA

RESIDUAL SOLVENTS	Result	Unit	Class	State Limit
Not Reported	NR	ppm	NA	NA

PESTICIDES	Concentration	Unit	State Limit
None of the 51 pesticides tested found above limit of detection in the sample.			

TERPENES	mg/g	mg/g
Not Reported	NR	NR

NR = Not Reported
 ND = Not Detected
 TR = Trace
 LOD = Limit of Detection
 LOQ = Limit of Quantification
 % m/m = Percent by Mass
 % Mw = Percent Moisture, wet basis
 CFU/g = Colony Forming Units per gram
 SAL = State Acceptance Limit



*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise.



Certificate of Analysis

CLIENT:	Pure Ratios (IBC)	SAMPLE:	100mg CBD Lozenge LPCO10017001 (20232)
ADDRESS:		LABORATORY ID:	170309-062
		SAMPLE ID:	-
		LOT ID:	-
ATTN:	William Conner	RECEIVED ON:	03.09.2017
		REPORTED DATE:	04.27.2017

		mg/g	mg/Unit
Tetrahydrocannabinol	THC	ND	ND
Tetrahydrocannabinolic Acid	THCA	ND	ND
Cannabidiol	CBD	187.15	99.56
Cannabidiolic Acid	CBDA	5.52	2.94
Cannabinol	CBN	0.04	0.02
Cannabigerol	CBG	0.50	0.27

Cannabinoid Total = CBx + CBxA x 0.877

Total THC (mg/Unit) ND
Total CBD (mg/Unit) 102.1
Unit mass (g) 0.532

MICROBIAL	Result	Unit	State Limit	Retest Limit
Total Mold	-1	CFU/g	10,000	50,000
Total Yeast	-1	CFU/g	10,000	50,000
Total Aerobic Bacteria	600	CFU/g	100,000	200,000

MYCOTOXIN	Result	Unit	State Limit	Retest Limit
Not Reported	NR	CFU/g	NA	NA

HEAVY METALS	Concentration	Unit	State Limit
Not Reported	NR	PPM	NA

RESIDUAL SOLVENTS	Result	Unit	Class	State Limit
Not Reported	NR	ppm	NA	NA

PESTICIDES	Concentration	Unit	State Limit
None of the 51 pesticides tested found above limit of detection in the sample.			

TERPENES	mg/g	mg/g
Not Reported	NR	NR

NR = Not Reported
 ND = Not Detected
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 LOD = Limit of Detection
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 % m/m = Percent by Mass
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