



CB Labs, Inc
 Lic. # C8-17-0000006-TEMP
 1615 Hill Rd 9
 Novato, CA 94947
 4154936605

Distributor:
 Oakland Distributing
 Lic. # M11-18-0000097-TEMP
 1552 Beach Street Suite K
 Emeryville, CA 94608

Producer:
 Liposome Formulations Inc.
 Lic. # cdph-T00000250
 42 Digital Drive Suite 6
 Novato, CA 94947

Certificate of Analysis

Name: OG Preroll

Matrix: Pre-rolls

ID: 5b47d34dd4203d001453a711

Batch Number:

Date Analyzed: 7/27/2018

Total Batch Size: 2000 units

Date Received: 6/21/2018

Sample Increment: 1g

Date Collected: 6/21/2018

Total Sample Weight: 13g

Cannabinoids

	HPLC-DAD	
	mg/g	%
8THC	< LOQ	< LOQ
CBD	8.47	0.85
CBDA	7.40	0.74
CBGA	5.98	0.60
CBN	< LOQ	< LOQ
THC	47.42	4.74
THCA	81.44	8.14
THCV	< LOQ	< LOQ
Total CBD	14.96	1.50
Total THC	118.84	11.88

LOQ (Limit of Quantitation) = 1.0 mg/g

mg/g = milligrams per gram

Total THC = THCA * 0.877 + THC

Total CBD = CBDA * 0.877 + CBD

d9THC = THC

d8THC = 8THC

Microbiological Screen

	qPCR
	result
Aspergillus flavus	PASS
Aspergillus fumigatus	PASS
Aspergillus niger	PASS
Aspergillus terreus	PASS
Escherichia coli Shiga toxin	PASS
Salmonella spp.	PASS

Moisture

	%	limit	result
Moisture	8.0	13%	PASS

Loss on drying: AOAC 934.01

Residual Pesticides

	LC & GC MS/MS	
	mcg/g	result
Aldicarb	ND	PASS
Carbofuran	ND	PASS
Chlordane cis/trans	ND	PASS
Chlorfenapyr	ND	PASS
Chlorpyrifos	ND	PASS
Coumaphos	ND	PASS
DDVP (Dichlorvos)	ND	PASS
Daminozide	ND	PASS
Dimethoate	ND	PASS
Ethoprop(hos)	ND	PASS
Etofenprox	ND	PASS
Fenoxycarb	ND	PASS
Fipronil	ND	PASS
Imazalil	ND	PASS
Methiocarb	ND	PASS
Mevinphos I	ND	PASS
Mevinphos II	ND	PASS
Paclobutrazol	ND	PASS
Propoxur	ND	PASS
Spiroxamine	ND	PASS
Thiacloprid	ND	PASS
methyl Parathion	ND	PASS

LOQ (Limit of Quantitation) = 0.1 mcg/g

LOD (Limit of Detection) = 0.1 mcg/g

mcg/g = micrograms per gram

ND = Not Detected

Analytical Method: A novel comprehensive strategy for residual pesticide analysis in cannabis flower. Lilly Asanuma et. al.

Scientific Director, Clarence Gillett Ph. D.
 7/27/2018



verify at cblabs.us

