

# Certificate of Analysis

ICAL ID: C 20230802-016 Sample: CA230802-005-014 Grease Monkey - 1g PUSHcart Strain: Grease Monkey - 1g PUSHcart Category: Concentrates & Extracts Type: Vape LB Atlantis, LLC Lic. # C11-000369-LIC 1445 SANTA FE AVE SUITE B LONG BEACH, CA 90813 The Broccoli King, Inc, Olympic Extracts Lic. # CDPH-10002790 2063 Pacific Ave Long Beach, CA 90806 Batch#: PSH-1033 Batch Size Collected: 15 units Total Batch Size: 500 units Collected: 08/02/2023; Received: 08/02/2023 Completed: 08/11/2023

METRC Sample: 1A4060300009C4C000029859; METRC Batch: 1A40603000032DA000001066;

Moisture Total THC Total CBD Total Cannabinoids Total Terpenes

NT
Water Activity

808.38 mg/unit

70tal CBD Total Cannabinoids Total Terpenes
37.927 mg/g

37.927 mg/g

NT Label: 879.8 mg/unit % Difference: 8.12%

		erence: 8.12%	
Summary	SOP Used	Date Tested	
Batch Cannabinoids Terpenes Residual Solvents Microbials Mycotoxins Heavy Metals Foreign Matter Pesticides	POT-PREP-001 TERP-PREP-001 RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001 FM-PREP-001 PESTMYCO-LC-PREP-001/	08/09/2023 08/10/2023 08/09/2023 08/10/2023 08/10/2023 08/09/2023 08/09/2023 08/10/2023	Pass Pass Complete Pass Pass Pass Pass Pass Pass
resticides	PEST-GC-PREP-001	00/10/2023	Pass





Scan to see results

### **Cannabinoid Profile**

1 Unit = vape cartridge, 1 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	Labeled	% Diff	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	Labeled % Diff	% mg/g	mg/unit
THCa	0.3680	0.0924	-	-	3.359	33.59	33.59		0.3965	0.1322	0.90	9.60	9.60
Δ9-THC	0.3680	0.1024	-	-	77.510	775.10	775.10	CBG	0.3920	0.1307	2.20	0 22.00	22.00
Δ8-THC	0.3680	0.0506	-	-	0.382	3.82	3.82	CBL	0.3680	0.1106	N	D ND	ND
THCV	0.3680	0.0423	-	-	0.406	4.06	4.06	CBN	0.3680	0.0780	0.43	25 4.25	4.25
CBDa	0.3680	0.0951	-	-	ND	ND	ND	CBT	0.3680	0.0906	0.33	3.30	3.30
CBD	0.3680	0.0815	-	-	0.227	2.27	2.27	Total THC			879.8 mg/unit 8.12% 80.8	34 808.38	808.38
CBDV	0.3680	0.0421	-	-	ND	ND	ND	Total CBD			0.:	23 2.27	2.27
CBC	0.4549	0.1516	-	-	0.846	8.46	8.46	<u>Total</u>			86.	l1 861.13	861.13

Total THC=THCa \* 0.877 + d9-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD(POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001), Water Activity: Water Activity Meter (WA-INST-002), Foreign Material: Microscope (FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

### **Terpene Profile**

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	
β-Caryophyllene	0.684	0.228	1.5533	15.533	
α-Humulene	0.151	0.032	0.6424	6.424	
δ-Limonene	0.306	0.053	0.5350	5.350	Ī
β-Myrcene	0.153	0.017	0.2193	2.193	
Linalool	0.154	0.030	0.2165	2.165	
α-Pinene	0.151	0.028	0.1846	1.846	
α-Bisabolol	0.162	0.054	0.1790	1.790	
β-Pinene	0.306	0.020	0.1297	1.297	
α-Terpineol	0.154	0.049	0.0880	0.880	
Camphene	0.151	0.009	0.0250	0.250	
Borneol	0.154	0.027	0.0199	0.199	
α-Cedrene	0.151	0.029	ND	ND	
α-Terpinene	0.151	0.045	ND	ND	
β-Eudesmol	0.192	0.064	ND	ND	
Camphor	0.371	0.124	ND	ND	
Caryophyllene Oxide	0.602	0.129	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Cedrol	0.151	0.039	ND	ND	

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	
cis-Nerolidol	0.264	0.088	ND	ND	
Citronellol	0.598	0.138	ND	ND	
δ-3-Carene	0.306	0.030	ND	ND	
Eucalyptol	0.221	0.074	ND	ND	
Fenchol	0.152	0.029	ND	ND	
Fenchone	0.151	0.010	ND	ND	
y-Terpinene	0.152	0.033	ND	ND	
Geraniol	0.609	0.138	ND	ND	
Geranyl Acetate	0.151	0.020	ND	ND	
Isoborneol	0.151	0.022	ND	ND	
Menthol	0.170	0.057	ND	ND	
(-)-Guaiol	0.154	0.033	ND	ND	
Pulegone	0.178	0.059	ND	ND	
p-Cymene	1.068	0.356	ND	ND	
Terpinolene	0.154	0.014	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
trans-Nerolidol	0.230	0.077	ND	ND	
Total			3.7927	37.927	

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh M Swider

Josh Swider Lab Director, Managing Partner 08/11/2023 Confident Cannabis All Rights Reserved support@confidentcannabis.com (866) 506-5866 www.confidentcannabis.com



This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.





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METRC Sample: 1A4060300009C4C000029859; METRC Batch: 1A40603000032DA000001066;

### **Residual Solvent Analysis**

Category 1		LOQ	LOD	Limit :	Status	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
1.2-Dichloro-Ethane	μg/g ND	μg/g 0.509	μg/g 0.17	μg/g 1	Pass	Acetone	μg/g ND	μg/g 51.246	μg/g 17.082	μg/g 5000	Pass	n-Hexane	μg/g ND	μg/g 0.2807	μg/g 0.066	μg/g 290	Pass
Benzene	ND	0.064	0.021	1	Pass	Acetonitrile	ND	0.359	0.12	410	Pass	Isopropanol	ND	3.8401	1.28	5000	Pass
Chloroform	ND	0.108	0.036	1	Pass	Butane	57.6	4.849	0.971	5000	Pass	Methanol	ND	8.917	2.972	3000	Pass
Ethylene Oxide	ND	0.579	0.153	1	Pass	Ethanol	ND	7.843	2.614	5000	Pass	Pentane	ND	4.271	0.962	5000	Pass
Methylene-Chloride	ND	0.7288	0.127	1	Pass	Ethyl-Acetate	ND	2.288	0.313	5000	Pass	Propane	ND	13.302	4.434	5000	Pass
Trichloroethene	ND	0.145	0.018	1	Pass	Ethyl-Ether	ND	3.548	1.183	5000	Pass	Toluene	1.1	0.864	0.088	890	Pass
						Heptane	4.4	2.859	0.687	5000	Pass	Xylenes	ND	2.572	0.216	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

### **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	μg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	ND	0.002	0.001	0.2	Pass
Lead	0.244	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

# Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

 $ND = Not\ Detected.\ Analytical\ instrumentation\ used: qPCR; samples\ analyzed\ according\ to\ SOP\ MICRO-INST-001.$ 



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Josh Swider

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Limit

µg/kg

3 of 3

Status

Tested

Tested

Tested

Tested

**Pass** 

**Pass** 



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> μg/kg 2.96

3.36

1.73

2.07

4.41

µg/kg

10.17

5.25

6.26

13.37

8.98

METRC Sample: 1A4060300009C4C000029859; METRC Batch: 1A40603000032DA000001066;

### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins	
	μg/g	µg/g	µg/g			μg/kg
Aldicarb	ND	0.030	0.008	Pass	B1	ND
Carbofuran	ND	0.030	0.005	Pass	B2	ND
Chlordane	ND	0.075	0.025	Pass	G1	ND
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND
Chlorpyrifos	ND	0.046	0.015	Pass	Ochratoxin A	ND
Coumaphos	ND	0.030	0.004	Pass	Total Aflatoxins	ND
Daminozide	ND	0.053	0.018	Pass		
Dichlorvos	ND	0.055	0.018	Pass		
Dimethoate	ND	0.030	0.006	Pass		
Ethoprophos	ND	0.030	0.006	Pass		
Etofenprox	ND	0.030	0.004	Pass		
Fenoxycarb	ND	0.030	0.004	Pass		
Fipronil	ND	0.050	0.017	Pass		
lmazalil	ND	0.030	0.009	Pass		
Methiocarb	ND	0.030	0.002	Pass		
Mevinphos	ND	0.030	0.008	Pass		
Paclobutrazol	ND	0.030	0.009	Pass		
Parathion Methyl	ND	0.024	0.008	Pass		
Propoxur	ND	0.030	0.008	Pass		
Spiroxamine	ND	0.030	0.006	Pass		
<u>Thiacloprid</u>	ND	0.030	0.005	Pass		

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	µg/g	μg/g	
Abamectin	ND	0.099	0.033	0.1	Pass	Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass	Malathion	ND	0.030	0.003	0.5	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass	Metalaxyl	ND	0.030	0.005	2	Pass
Acetamiprid	ND	0.030	0.005	0.1	Pass	Methomyl	ND	0.030	0.009	1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass	Myclobutanil	ND	0.030	0.007	0.1	Pass
Bifenazate	ND	0.030	0.007	0.1	Pass	Naled	ND	0.030	0.008	0.1	Pass
Bifenthrin	ND	0.030	0.004	3	Pass	Oxamyl	ND	0.030	0.007	0.5	Pass
Boscalid	ND	0.030	0.008	0.1	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass	Permethrin	<loq< th=""><th>0.030</th><th>0.002</th><th>0.5</th><th>Pass</th></loq<>	0.030	0.002	0.5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.005	0.1	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass	Piperonyl Butoxide	<loq< th=""><th>0.030</th><th>0.003</th><th>3</th><th>Pass</th></loq<>	0.030	0.003	3	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass	Prallethrin	ND	0.071	0.023	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass	Propiconazole	ND	0.030	0.009	0.1	Pass
Cypermethrin	ND	0.181	0.060	1	Pass	Pyrethrins	ND	0.030	0.003	0.5	Pass
Diazinon	ND	0.030	0.005	0.1	Pass	Pyridaben	ND	0.030	0.002	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass	Spinetoram	ND	0.030	0.001	0.1	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass	Spinosad	ND	0.030	0.001	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass	Spiromesifen	ND	0.030	0.009	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass	Spirotetramat	ND	0.030	0.008	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass	Tebuconazole	ND	0.030	0.006	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass	Thiamethoxam	ND	0.030	0.008	5	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass	Trifloxystrobin	ND	0.030	0.003	0.1	Pass
<u>Imidacloprid</u>	ND	0.033	0.011	5	Pass			<u> </u>		<u> </u>	

#### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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