

Earth Labs, LLC 15375 Barranca Pkwy Suite F101 Irvine, CA 92618

(888) 835-2276 http://www.earthlabs.net Lic# C8-000037-LIC

Amended

**QA** Test Results

1 of 5

Result

Complete

Pass

Pass

Pass

Pass

Pass

Pass

Pass

Sample ID: 2006ELA1027.2588 Manufactured: N/A Client Strain: Calm Collected: Lotus Brands, LLC Matrix: Ingestible Received: 06/05/2020 Lic.# Type: Tincture Completed: 06/18/2020 3334 E. Coast Hwy. #444 Sample Size: ; Batch: Batch#: Corona Del Mar, CA 92625 Summary Test Date Tested Batch Cannabinoids 06/04/2020 **Residual Solvents** 06/04/2020 Microbials 06/08/2020 Mycotoxins 06/03/2020 Pesticides 06/03/2020 06/05/2020 Heavy Metals CALM Foreign Matter 06/05/2020 10:1 Tincture Cannabinoids 8.13 mg/serving 8.94 mg/serving ND Total THC Total CBD **Total Cannabinoids** LOD LOO Result Result Result Result Analyte mg/g mg/g mg/g mg/mL mg/serving mg/package 0.015000 0.047000 ND ND ND ND ∆9-THC 0.035000 0.113000 ND ND ND ND ∆8-THC 0.063000 ND ND ND ND 0.038000 0.122000 ND ND ND ND 0.018000 0.057000 ND ND ND ND 17.58 16.27 8.13 488.09 0.113000 ND ND ND ND 0.018000 0.058000 ND ND ND ND 0.01000 0.032000 ND ND ND ND 0.019000 0.062000 1.74 1.61 0.81 48.35 0.008000 0.024000 ND ND ND ND Total THC ND ND ND ND Total CBD 488.09 17.58 16.27 8.13 19.33 17.88 8.94 536.45

THCa

THCV

CBDa

CBDV

CBN

CBGa

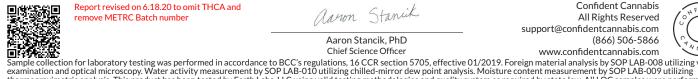
CBG

CBC

<u>Tot</u>al

CBD

1 mL = 0.92526g. 60 serving(s) per package. Cannabinoids analysis by SOP LAB-001 utilizing High Performance Liquid Chromatography-Diode Array Detection (HPLC-DAD). Total THC = THCa \* 0.877 + d9-THC: Total CBD = CBDa \* 0.877 + CBD. LOQ = Limit of Quantitation. LOD = Limit of Detection. ND = Not Detected. If moisture content is tested and reported, the cannabinoid results are reported normalized to dry weight.



Sample collection for laboratory testing was performed in accordance to BCC's regulations, 16 CCR section 5705, effective 01/2019. Foreign material analysis by SOP LAB-008 utilizing visual examination and optical microscopy. Water activity measurement by SOP LAB-010 utilizing chilled-mirror dew point analysis. Moisture content measurement by SOP LAB-008 utilizing the mogravimetric analysis. This product has been tested by Earth Labs, LLC using valid testing methodologies and quality system as required by state law. All LQC samples were performed and the acceptance criteria, pursuant to 16 CCR section 5730. Values reported relate only to the product tested. Earth Labs, 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 Earth Labs, LLC.

Complete



Calm

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**QA** Test Results

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Pass

Sample ID: 2006ELA1027.2588 Manufactured: N/A Client Strain: Calm Collected: Lotus Brands, LLC Matrix: Ingestible Received: 06/05/2020 Lic.# Type: Tincture Completed: 06/18/2020 3334 E. Coast Hwy. #444 Sample Size: ; Batch: Batch#: Corona Del Mar, CA 92625

## **Residual Pesticides**

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.022	0.066	0.3	ND	Pass	Fludioxonil	0.015	0.046	30	ND	Pass
Acephate	0.004	0.012	5	ND	Pass	Hexythiazox	0.007	0.021	2	ND	Pass
Acequinocyl	0.015	0.044	4	ND	Pass	Imazalil	0.029	0.086	0.029	ND	Pass
Acetamiprid	0.005	0.015	5	ND	Pass	Imidacloprid	0.008	0.024	3	ND	Pass
Aldicarb	0.025	0.074	0.025	ND	Pass	Kresoxim Methyl	0.025	0.074	1	ND	Pass
Azoxystrobin	0.009	0.028	40	ND	Pass	Malathion	0.028	0.084	5	ND	Pass
Bifenazate	0.005	0.014	5	ND	Pass	Metalaxyl	0.026	0.079	15	ND	Pass
Bifenthrin	0.022	0.066	0.5	ND	Pass	Methiocarb	0.031	0.093	0.031	ND	Pass
Boscalid	0.014	0.042	10	ND	Pass	Methomyl	0.031	0.093	0.1	ND	Pass
Captan	0.21	0.593	5	ND	Pass	Mevinphos	0.01	0.031	0.01	ND	Pass
Carbaryl	0.009	0.027	0.5	ND	Pass	Myclobutanil	0.017	0.052	9	ND	Pass
Carbofuran	0.018	0.054	0.018	ND	Pass	Naled	0.027	0.081	0.5	ND	Pass
Chlorantraniliprole	0.03	0.09	40	ND	Pass	Oxamyl	0.014	0.042	0.2	ND	Pass
Chlordane	0.023	0.075	0.023	ND	Pass	Paclobutrazol	0.017	0.051	0.017	ND	Pass
Chlorfenapyr	0.007	0.022	0.007	ND	Pass	Parathion Methyl	0.011	0.033	0.011	ND	Pass
Chlorpyrifos	0.018	0.054	0.018	ND	Pass	Pentachloronitrobenzene	0.025	0.079	0.2	ND	Pass
Clofentezine	0.025	0.075	0.5	ND	Pass	Permethrin	0.087	0.26	20	ND	Pass
Coumaphos	0.02	0.06	0.02	ND	Pass	Phosmet	0.02	0.06	0.2	ND	Pass
Cyfluthrin	0.158	0.475	1	ND	Pass	Piperonyl Butoxide	0.021	0.063	8	ND	Pass
Cypermethrin	0.037	0.111	1	ND	Pass	Prallethrin	0.026	0.078	0.4	ND	Pass
Daminozide	0.01	0.03	0.01	ND	Pass	Propiconazole	0.029	0.088	20	ND	Pass
Diazinon	0.008	0.024	0.2	ND	Pass	Propoxur	0.03	0.089	0.03	ND	Pass
Dichlorvos	0.015	0.044	0.015	ND	Pass	Pyrethrins	0.02	0.059	1	ND	Pass
Dimethoate	0.027	0.082	0.027	ND	Pass	Pyridaben	0.006	0.018	3	ND	Pass
Dimethomorph	0.016	0.048	20	ND	Pass	Spinetoram	0.019	0.056	3	ND	Pass
Ethoprophos	0.018	0.055	0.018	ND	Pass	Spinosad	0.011	0.034	3	ND	Pass
Etofenprox	0.013	0.038	0.013	ND	Pass	Spiromesifen	0.019	0.057	12	ND	Pass
Etoxazole	0.029	0.088	1.5	ND	Pass	Spirotetramat	0.031	0.094	13	ND	Pass
Fenhexamid	0.019	0.058	10	ND	Pass	Spiroxamine	0.02	0.061	0.02	ND	Pass
Fenoxycarb	0.031	0.092	0.031	ND	Pass	Tebuconazole	0.008	0.025	2	ND	Pass
Fenpyroximate	0.01	0.03	2	ND	Pass	Thiacloprid	0.016	0.048	0.016	ND	Pass
Fipronil	0.016	0.047	0.016	ND	Pass	Thiamethoxam	0.005	0.015	4.5	ND	Pass
Flonicamid	0.001	0.004	2	ND	Pass	Trifloxystrobin	0.005	0.014	30	ND	Pass

Date Tested: 06/03/2020

Pasticides analysis by SOP LAB-005 using Gas Chromatography - Mass Spectrometry - Mass Spectrometry (GC-MS/MS) and by SOP LAB-004 utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS). LOQ = Limit of Quantitation. LOD = Limit of Detection. ND = Not Detected.



Report revised on 6.18.20 to omit THCA and remove METRC Batch number







Aaron Stancik, PhD Chief Science Officer

Sample collection for laboratory testing was performed in accordance to BCC's regulations, 16 CCR section 5705, effective 01/2019. Foreign material analysis by SOP LAB-008 utilizing visual examination and optical microscopy. Water activity measurement by SOP LAB-010 utilizing chilled-mirror dew point analysis. Moisture content measurement by SOP LAB-008 utilizing visual thermogravimetric analysis. This product has been tested by Earth Labs, LLC using valid testing methodologies and quality system as required by state law. All LQC samples were performed and met the acceptance criteria, pursuant to 16 CCR section 5730. Values reported relate only to the product tested. Earth Labs, 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 Earth Labs, LLC.



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**QA** Test Results

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Pass

Sample ID: 2006ELA1027.2588	Manufactured: N/A	Client
Strain: Calm	Collected:	Lotus Brands, LLC
Matrix: Ingestible	Received: 06/05/2020	Lic. #
Type: Tincture	Completed: 06/18/2020	3334 E. Coast Hwy. #444
Sample Size: ; Batch:	Batch#:	Corona Del Mar, CA 92625

## **Residual Solvents**

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.20	0.84	1	ND	Pass
Acetone	8.70	187.55	5000	ND	Pass
Acetonitrile	8.98	187.55	410	ND	Pass
Benzene	0.17	0.84	1	ND	Pass
Butane	8.86	375.09	5000	ND	Pass
Chloroform	0.16	0.84	1	ND	Pass
Ethanol	66.85	750.19	5000	ND	Pass
Ethyl acetate	9.60	187.55	5000	ND	Pass
Ethyl ether	9.79	187.55	5000	ND	Pass
Ethylene oxide	0.07	0.84	1	ND	Pass
Heptane	18.29	187.55	5000	ND	Pass
Isopropyl alcohol	15.25	187.55	5000	ND	Pass
Methanol	29.78	187.55	3000	<loq< td=""><td>Pass</td></loq<>	Pass
Methylene chloride	0.18	0.84	1	ND	Pass
Hexane	30.19	187.55	290	ND	Pass
Pentane	18.57	187.55	5000	ND	Pass
Propane	21.73	375.09	5000	ND	Pass
Toluene	9.62	187.55	890	ND	Pass
Trichloroethylene	0.15	0.84	1	ND	Pass
Total xylenes (ortho-, meta-, para-)	11.56	187.55	2170	ND	Pass

Date Tested: 06/04/2020

Residual Solvents analysis by SOP LAB-003 utilizing Gas Chromatography – Flame Ionization Detection (GC-FID) and Gas Chromatography – Mass Spectrometry (GC-MS). LOQ = Limit of Quantitation. LOD = Limit of Detection. ND = Not Detected.



Report revised on 6.18.20 to omit THCA and remove METRC Batch number



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Aaron Stancik, PhD Chief Science Officer

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**QA** Test Results

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Sample ID: 2006ELA1027.2588	Manufactured: N/A	Client
Strain: Calm	Collected:	Lotus Brands, LLC
Matrix: Ingestible	Received: 06/05/2020	Lic.#
Type: Tincture	Completed: 06/18/2020	3334 E. Coast Hwy. #444
Sample Size: ; Batch:	Batch#:	Corona Del Mar, CA 92625

## **Microbials**

Pass

Analyte	Result	Status
Shiga toxin-producing E. Coli	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Pass

Date Tested: 06/08/2020

Microbial impurities testing by SOP LAB-007 utilizing Polymerase Chain Reaction (PCR) and fluorescence detection.

Mycotoxins					Pass
Analyte	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	1	4		ND	Tested
B2	3	9		ND	Tested
G1	3	8		ND	Tested
G2	4	11		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	4	11	20	ND	Pass

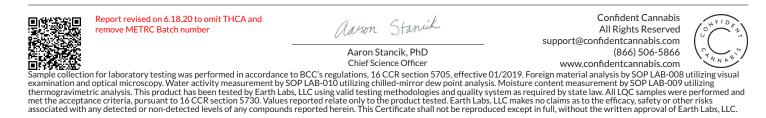
Date Tested: 06/03/2020

Mycotoxins analysis by SOP LAB-004 utilizing Liquid Chromatography - Mass Spectrometry - Mass Spectrometry (LC-MS/MS). LOQ = Limit of Quantitation. LOD = Limit of Detection. ND = Not Detected.

Heavy Metals					Pass
Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.007	0.021	0.2	0.048	Pass
Cadmium	0.004	0.014	0.2	0.027	Pass
Lead	0.003	0.009	0.5	0.099	Pass
Mercury	0.002	0.008	0.1	0.009	Pass

Date Tested: 06/05/2020

Heavy Metals analysis by SOP LAB-002 utilizing Inductively Coupled Plasma - Mass Spectrometry (ICP-MS). LOQ = Limit of Quantitation. LOD = Limit of Detection. ND = Not Detected.





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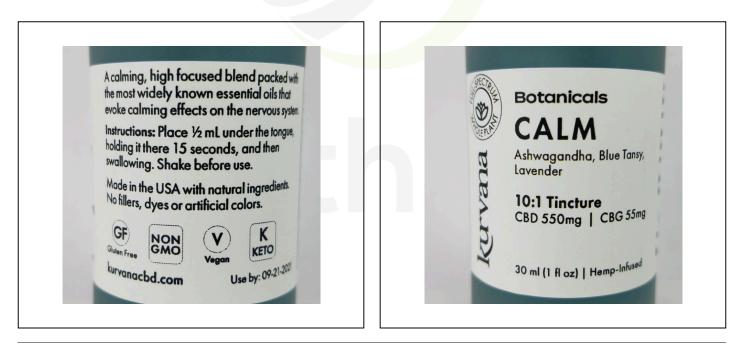
**QA** Test Results

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Sample ID: 2006ELA1027.2588 Strain: Calm Matrix: Ingestible Type: Tincture Sample Size: ; Batch: Manufactured: N/A Collected: Received: 06/05/2020 Completed: 06/18/2020 Batch#: Client Lotus Brands, LLC Lic. # 3334 E. Coast Hwy. #444 Corona Del Mar, CA 92625









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aaron Stanik

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