

Prepared For: Shikai Products
3330 Coffey Lane Suite B
Santa Rosa, CA 95403
allison@shikai.com
(707) 544-0298

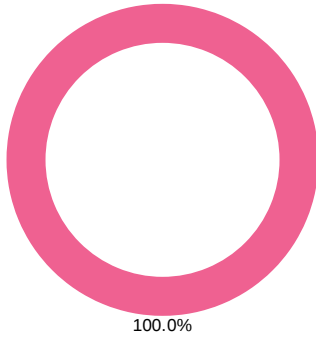
Client ID: CBD Borage 20043_#17

Report Created: 02/19/2020	CC ID: 2002NCAL0038.0085
Sample Received: 02/14/2020	LIMS ID: 27518
Sample Collected:	External Batch ID: 20043
Product Category: Topical	

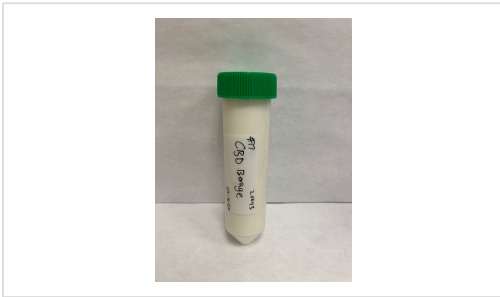
CANNABINOID PROFILE by HPLC Analysis / NCAL SOP-104 / Date Tested - 02/17/2020; Analyst: MU

Cannabinoid Profile Visualization

■ CBD

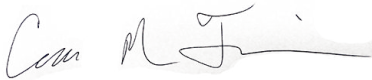


Analyte	LOQ	Result	Result
	%	%	mg/g
Tetrahydrocannabinolic acid (THCA)	0.010	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	0.010	ND	ND
delta 8-Tetrahydrocannabinol (delta 8 THC)	0.010	ND	ND
Tetrahydrocannabivarin (THCV)	0.010	ND	ND
Cannabidiolic acid (CBDA)	0.010	ND	ND
Cannabidiol (CBD)	0.010	0.452	4.52
Cannabidivarin (CBDV)	0.010	ND	ND
Cannabinol (CBN)	0.010	ND	ND
Cannabigerolic acid (CBGA)	0.010	ND	ND
Cannabigerol (CBG)	0.010	ND	ND
Cannabichromene (CBC)	0.010	ND	ND
Total THC		ND	ND
Total CBD		0.452	4.52



NOTES

FINAL APPROVAL



APPROVED BY / DATE: Carolyn Friedrich, Ph.D Scientific Director - 02/19/2020

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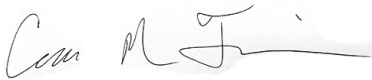
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RESIDUAL SOLVENTS by Headspace GCMS / NCAL SOP-105 / Date Tested - 02/17/2020; Analyst: MU

Analyte	LOQ	Result
	PPM	PPM
1,1,1-Trichloro-Ethane	0.16	ND
1,1-Dichloro-Ethane	0.31	ND
1,2-Dichloro-Ethane	0.16	ND
Acetone	43.00	ND
Acetonitrile	43.00	ND
Benzene	0.16	ND
Butane	43.00	ND
Carbon-Tetrachloride	0.16	ND
Ethanol	43.00	ND
Ethyl-Acetate	43.00	ND
Ethyl-Ether	43.00	ND
Heptane	43.00	ND
Isopropanol	43.00	ND
n-Hexane	43.00	ND
Pentane	43.00	ND
Propane	43.00	ND
Toluene	43.00	ND
Xylenes	43.00	ND

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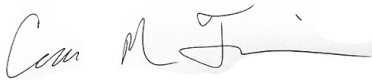
PESTICIDES

by LC MS/MS Analysis / NCAL SOP-102 / Date Tested - 02/17/2020; Analyst: DS

Analyte	LOQ PPB	Result PPB	Analyte	LOQ PPB	Result PPB
Abamectin	50	ND	Imazalil	50	ND
Acephate	5	ND	Imidacloprid	5	ND
Acetamiprid	5	ND	Kresoxim Methyl	10	ND
Aldicarb	5	ND	Malathion	50	ND
Azoxystrobin	5	ND	Metaxyl	5	ND
Bifenazate	30	ND	Methomyl	5	ND
Bifenthrin	50	ND	Myclobutanil	50	ND
Boscalid	10	ND	Naled	10	ND
Carbaryl	30	ND	Oxamyl	5	ND
Carbofuran	5	ND	Paclobutrazol	5	ND
Chlorantraniliprole	10	ND	Permethrins	50	ND
Chlorpyrifos	30	ND	Phosmet	30	ND
Clofentezine	50	ND	Piperonyl Butoxide	5	ND
Cyfluthrin	50	ND	Prallethrin	50	ND
Daminozide	30	ND	Propoxur	30	ND
Diazinon	5	ND	Pyrethrin 1	30	ND
Dichlorvos	50	ND	Pyridaben	10	ND
Dimethoate	5	ND	Spinetoram	5	ND
Ethoprophos	30	ND	Spinosyn A	5	ND
Etofenprox	50	ND	Spinosyn D	5	ND
Etoxazole	5	ND	Spiromesifen	500	ND
Fenoxycarb	10	ND	Spirotetramat	10	ND
Fenpyroximate	10	ND	Spiroxamine	5	ND
Fipronil	50	ND	Tebuconazole	10	ND
Flonicamid	30	ND	Thiacloprid	5	ND
Fludioxonil	10	ND	Thiamethoxam	5	ND
Hexythiazox	10	ND	Trifloxystrobin	5	ND

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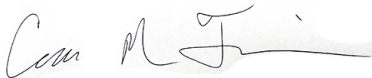
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MICROBIALS by 3M Petrifilm / NCAL SOP-101 / Date Tested - 02/17/2020; Analyst: RR

Analyte	LOQ	Result
	CFU/g	CFU/g
Aerobic Bacteria	100	ND
Bile-Tolerant Gram-Negative Bacteria	100	ND
Coliforms	100	ND
E. Coli	1	ND
Salmonella	1	ND
Yeast & Mold	100	ND

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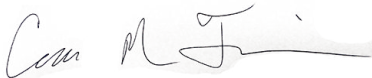
HEAVY METALS

by Microwave Digestion & ICP-MS / NCAL SOP-103 / Date Tested - 02/20/2020; Analyst: DS

Analyte	LOQ	Result
	PPM	PPM
Arsenic	0.10	ND
Cadmium	0.10	ND
Lead	0.10	ND
Mercury	0.10	ND

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