

November 11, 2019

Ventura Research Group
 1650 E. Gonzales #336
 Oxnard, CA 93036
 Registration #: N/A

Customer #: 9000522
 COC_ID: CAL1990361-3
 Description: Abacus 11
 Sample Matrix: Hemp Flower Only
 Cultivar: N/A
 Sampled: 2019-11-04 by Ben Waddell
 Received: 2019-11-04 by David Terz

Certificate of Analysis

Cannabinoids Testing by HPLC-DAD (Reported on Dry Weight Basis)

Constituent	Date Analyzed	Analyst	Result mg/g	LOQ mg/g	Result %	LOQ %	Pass/Fail
Cannabidiol (CBD)	2019-11-09	VRG	6	1	0.6	0.1	N/A
Cannabidiolic Acid (CBDA)	2019-11-09	VRG	195.4	21.2	18.76	2.02	N/A
Cannabigerol (CBG)	2019-11-09	VRG	ND	0.3	ND	0.03	N/A
Cannabinol (CBN)	2019-11-09	VRG	ND	0.3	ND	0.03	N/A
Tetrahydrocannabinol (THC)	2019-11-09	VRG	ND	1.0	ND	0.13	N/A
Tetrahydrocannabinolic Acid (THCA)	2019-11-09	VRG	2.9	1.0	0.29	0.10	N/A
Tetrahydrocannabivarin (THCV)	2019-11-09	VRG	ND	1.0	ND	0.13	N/A
Total CBD/CBDA	2019-11-09	VRG	170.2	20.2	17.02	2.02	N/A
Total THC	2019-11-09	VRG	2.89	1.0	0.29	1.00	Pass

Moisture Content Testing

Constituent	Date Analyzed	Analyst	Result %	LOQ %
% Moisture	2019-11-09	JZA	20.651	0.1

Terpenoids Testing

Constituent	Date Analyzed	Analyst	Result mg/g	LOQ mg/g	Result %	LOQ %
(-)-Isopulegol	2019-11-06	SBL	ND	0.024	ND	0.0024
(1R)-Endo-(+)Fenchyl Alcohol	2019-11-06	SBL	ND	0.024	ND	0.0024
alpha-Bisabolol	2019-11-06	SBL	0.306	0.024	0.0306	0.0024
alpha-Cedrene	2019-11-06	SBL	0.145	0.024	0.0145	0.0024
alpha-Humulene	2019-11-06	SBL	0.246	0.024	0.0246	0.0024
alpha-Phellandrene	2019-11-06	SBL	ND	0.024	ND	0.0024
alpha-Pinene	2019-11-06	SBL	3.82	0.24	0.382	0.024
alpha-Terpinene	2019-11-06	SBL	ND	0.024	ND	0.0024
beta-Caryophyllene	2019-11-06	SBL	0.598	0.024	0.0598	0.0024
beta-Pinene	2019-11-06	SBL	0.719	0.024	0.0719	0.0024
Borneol	2019-11-06	SBL	ND	0.06	ND	0.006
Camphene	2019-11-06	SBL	0.050	0.024	0.005	0.0024
Camphor	2019-11-06	SBL	ND	0.075	ND	0.0075
Caryophyllene oxide	2019-11-06	SBL	0.025	0.024	0.0025	0.0024
Cedrol	2019-11-06	SBL	ND	0.024	ND	0.0024
cis-Nerolidol	2019-11-06	SBL	ND	0.024	ND	0.0024

