

CERTIFICATE OF ANALYSIS



Order #: 33566
Order Name: Full Spectrum Hybrid Pod
Batch#: 071719
Received: 08/14/2019
Completed: 08/15/2019

bluumlab
 470 Ansin Blvd. Unit AA
 Hallandale Beach FL, 33009
 (786) 800-2967
 info@bluumlab.com



Sample



0.099%
 D9-THC

22.323%
 Total CBD

190.2 mg
 Cannabinoids per pod

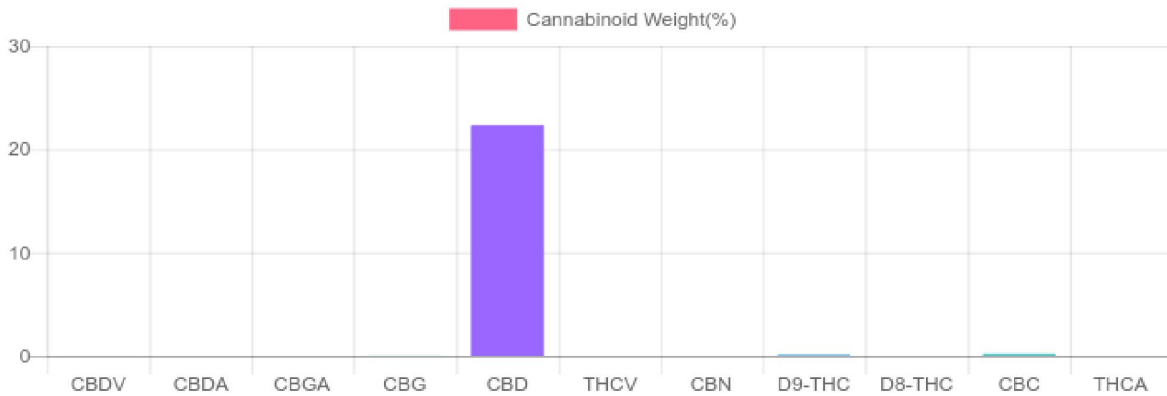
187.5 mg
 CBD per pod

1 pod = 0.7 ml per pod x density (1.2) x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 **PREPARED:** 08/14/2019 20:44:17 **UPLOADED:** 08/15/2019 17:39:10

Cannabinoids	LOQ	weight(%)	mg/g	mg/pod
D9-THC	10 PPM	0.099%	0.995	0.8
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	22.323%	223.227	187.5
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.008%	0.080	0.1
CBC	10 PPM	0.194%	1.939	1.6
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.026%	0.263	0.2
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.099%	0.995	0.8
TOTAL CBD*		22.323%	223.227	187.5
TOTAL CANNABINOIDS		22.650%	226.504	190.2



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LQ - Below Limit of Quantification



4001 SW 47th Avenue Suite 207
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Dr. Andrew Hall, Ph.D., CSO & Lab Director

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CERTIFICATE OF ANALYSIS



Order #: 33565
Order Name: Full Spectrum Indica Pod
Batch#: 071719
Received: 08/14/2019
Completed: 08/15/2019

bluumlab
 470 Ansin Blvd. Unit AA
 Hallandale Beach FL, 33009
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 info@bluumlab.com



Sample



0.138%
D9-THC

23.145%
Total CBD

198.0 mg
Cannabinoids per pod

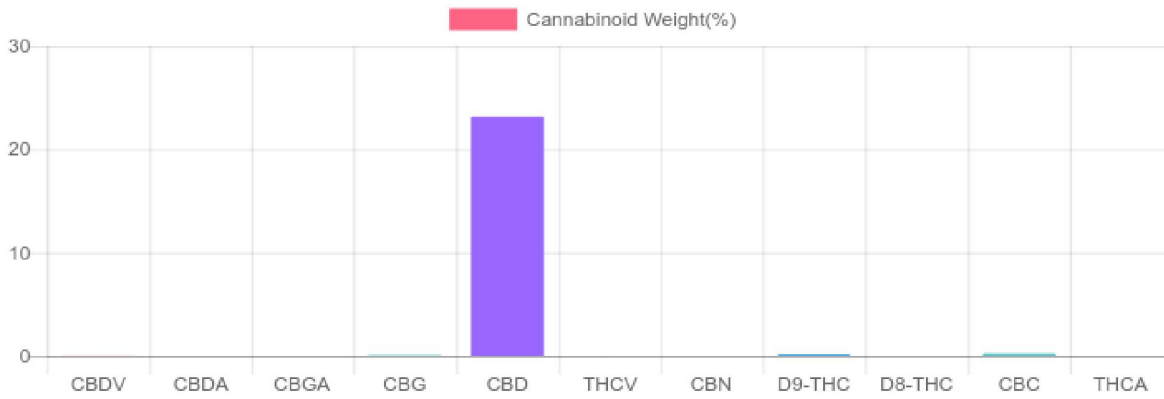
194.4 mg
CBD per pod

1 pod = 0.7 ml per pod x density (1.2) x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 **PREPARED:** 08/14/2019 20:44:17 **UPLOADED:** 08/15/2019 17:39:10

Cannabinoids	LOQ	weight(%)	mg/g	mg/pod
D9-THC	10 PPM	0.138%	1.379	1.2
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	23.145%	231.448	194.4
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.028%	0.282	0.2
CBC	10 PPM	0.216%	2.159	1.8
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.046%	0.457	0.4
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.138%	1.379	1.2
TOTAL CBD*		23.145%	231.448	194.4
TOTAL CANNABINOIDS		23.573%	235.725	198.0



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification



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CERTIFICATE OF ANALYSIS



Order #: 28598
Order Name: Bluum CBD Vape
 200mg Nicotine Berry
Batch#: BN 1258
Completed: 03/08/2019
Expires: 03/07/2020

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Sample

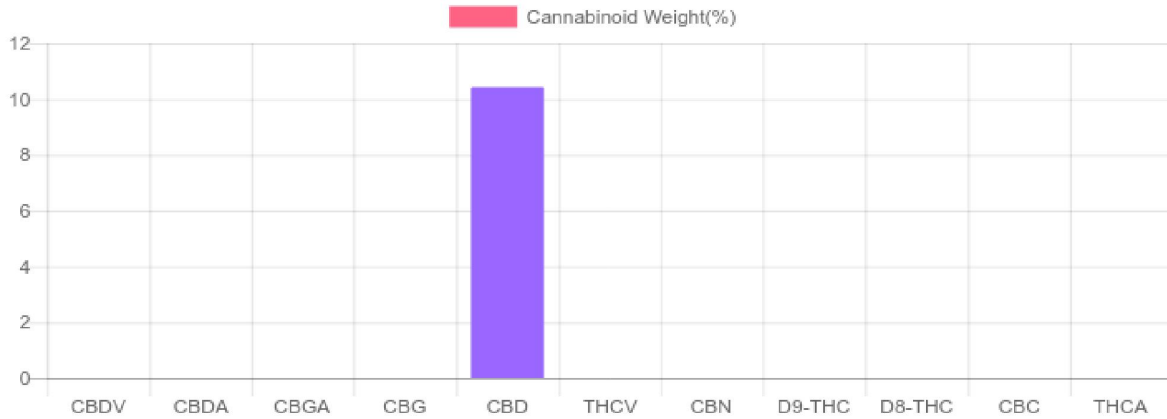


0.000%
 D9-THC

10.427%
 Total CBD

Cannabinoids Test

cannabinoids		weight(%)	mg/g
DELTA-9-TETRAHYDROCANNABINOL	D9-THC	N/D	N/D
TETRAHYDROCANNABINOLIC ACID	THCA	N/D	N/D
CANNABIDIOL	CBD	10.427%	104.267
CANNABIDIOLIC ACID	CBDA	N/D	N/D
CANNABIDIVARIN	CBDV	N/D	N/D
CANNABICHROMENE	CBC	N/D	N/D
CANNABINOL	CBN	N/D	N/D
CANNABIGEROL	CBG	N/D	N/D
CANNABIGEROLIC ACID	CBGA	N/D	N/D
DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D
TOTAL D9-THC		N/D	N/D
TOTAL CBD*		10.427%	104.267
TOTAL CANNABINOIDS		10.427%	104.270



*Total CBD = CBD + CBDA x 0.877

Notes

208mg CBD per Package



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Dylan Swart, Lab Director

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CERTIFICATE OF ANALYSIS



Order #: 28595
Order Name: Bluum CBD Vape
 200mg Nicotine Kush
Batch#: BN 1255
Completed: 03/08/2019
Expires: 03/07/2020

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Sample

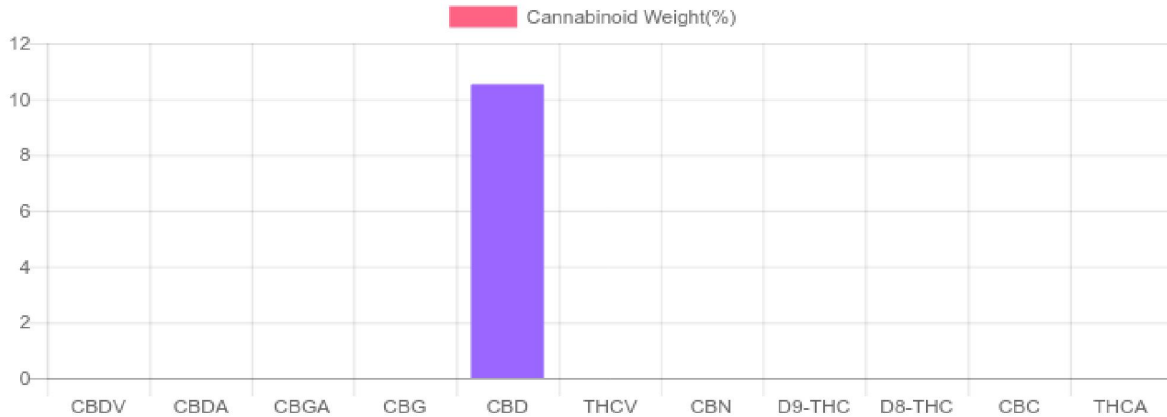


0.000%
 D9-THC

10.536%
 Total CBD

Cannabinoids Test

cannabinoids		weight(%)	mg/g
DELTA-9-TETRAHYDROCANNABINOL	D9-THC	N/D	N/D
TETRAHYDROCANNABINOLIC ACID	THCA	N/D	N/D
CANNABIDIOL	CBD	10.536%	105.360
CANNABIDIOLIC ACID	CBDA	N/D	N/D
CANNABIDIVARIN	CBDV	N/D	N/D
CANNABICHROMENE	CBC	N/D	N/D
CANNABINOL	CBN	N/D	N/D
CANNABIGEROL	CBG	N/D	N/D
CANNABIGEROLIC ACID	CBGA	N/D	N/D
DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D
TOTAL D9-THC		N/D	N/D
TOTAL CBD*		10.536%	105.360
TOTAL CANNABINOIDS		10.536%	105.360



*Total CBD = CBD + CBDA x 0.877

Notes

210.7 mg CBD per package



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CERTIFICATE OF ANALYSIS



Order #: 28599
Order Name: Bluum CBD Vape
 200mg Nicotine Mango
Batch#: BN 1259
Completed: 03/08/2019
Expires: 03/07/2020

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Sample

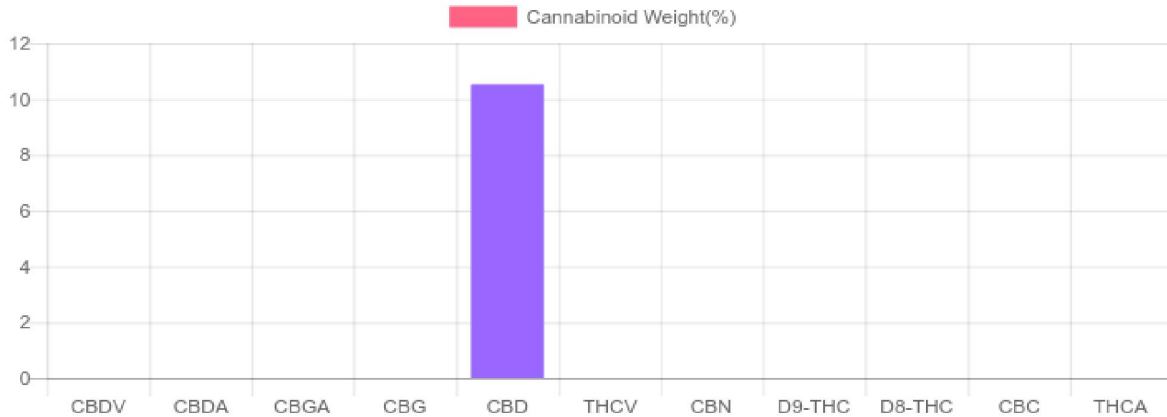


0.000%
 D9-THC

10.533%
 Total CBD

Cannabinoids Test

cannabinoids		weight(%)	mg/g
DELTA-9-TETRAHYDROCANNABINOL	D9-THC	N/D	N/D
TETRAHYDROCANNABINOLIC ACID	THCA	N/D	N/D
CANNABIDIOL	CBD	10.533%	105.329
CANNABIDIOLIC ACID	CBDA	N/D	N/D
CANNABIDIVARIN	CBDV	N/D	N/D
CANNABICHROMENE	CBC	N/D	N/D
CANNABINOL	CBN	N/D	N/D
CANNABIGEROL	CBG	N/D	N/D
CANNABIGEROLIC ACID	CBGA	N/D	N/D
DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D
TOTAL D9-THC		N/D	N/D
TOTAL CBD*		10.533%	105.329
TOTAL CANNABINOIDS		10.533%	105.330



*Total CBD = CBD + CBDA x 0.877

Notes

210 mg per package



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CERTIFICATE OF ANALYSIS



Order #: 28597
Order Name: Bluum CBD Vape
 200mg Nicotine Mint
Batch#: BN 1257
Completed: 03/08/2019
Expires: 03/07/2020

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 Hallandale Beach FL, 33009
 (786) 800-2967
 info@bluumlab.com



Sample

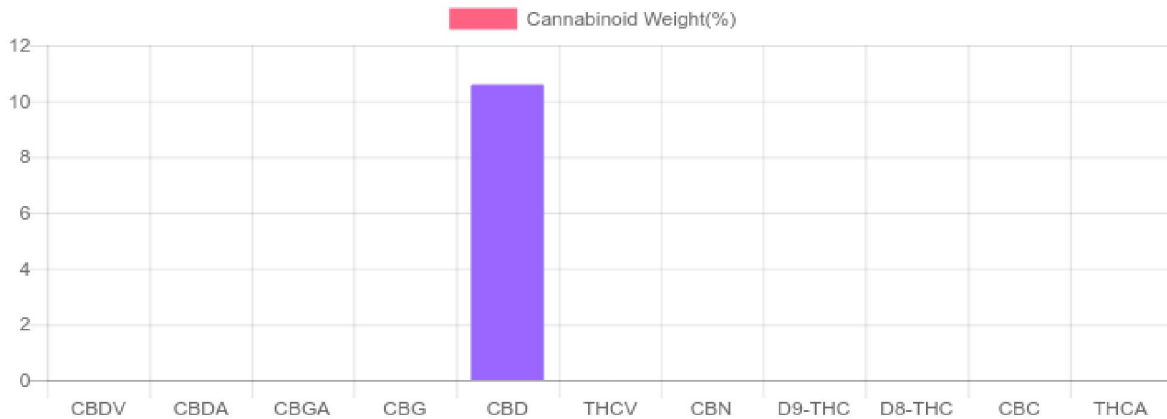


0.000%
 D9-THC

10.601%
 Total CBD

Cannabinoids Test

cannabinoids		weight(%)	mg/g
DELTA-9-TETRAHYDROCANNABINOL	D9-THC	N/D	N/D
TETRAHYDROCANNABINOLIC ACID	THCA	N/D	N/D
CANNABIDIOL	CBD	10.601%	106.014
CANNABIDIOLIC ACID	CBDA	N/D	N/D
CANNABIDIVARIN	CBDV	N/D	N/D
CANNABICHROMENE	CBC	N/D	N/D
CANNABINOL	CBN	N/D	N/D
CANNABIGEROL	CBG	N/D	N/D
CANNABIGEROLIC ACID	CBGA	N/D	N/D
DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D
TOTAL D9-THC		N/D	N/D
TOTAL CBD*		10.601%	106.014
TOTAL CANNABINOIDS		10.601%	106.010



*Total CBD = CBD + CBDA x 0.877

Notes

212 mg CBD per package



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CERTIFICATE OF ANALYSIS



Order #: 28596
Order Name: Bluum CBD Vape
 200mg Nicotine Tobacco
Batch#: BN 1256
Completed: 03/08/2019
Expires: 03/07/2020

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Sample

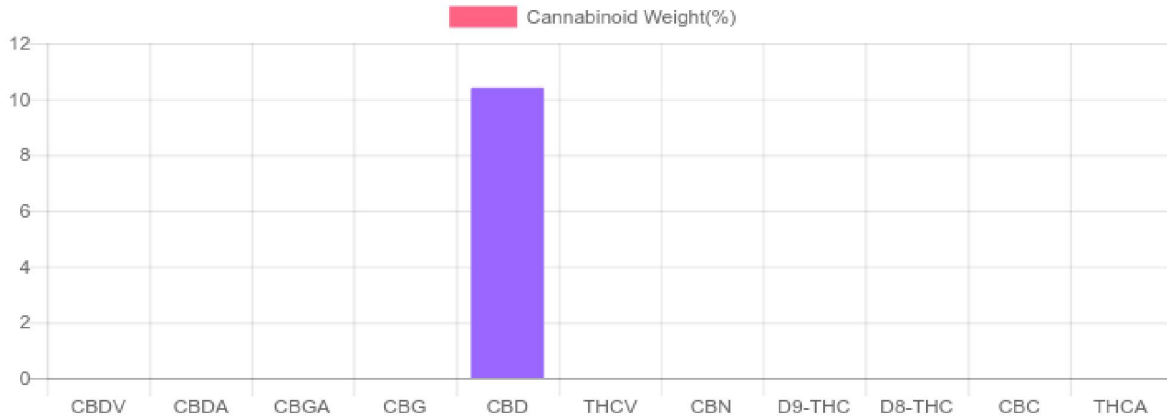


0.000%
 D9-THC

10.408%
 Total CBD

Cannabinoids Test

cannabinoids		weight(%)	mg/g
DELTA-9-TETRAHYDROCANNABINOL	D9-THC	N/D	N/D
TETRAHYDROCANNABINOLIC ACID	THCA	N/D	N/D
CANNABIDIOL	CBD	10.408%	104.079
CANNABIDIOLIC ACID	CBDA	N/D	N/D
CANNABIDIVARIN	CBDV	N/D	N/D
CANNABICHROMENE	CBC	N/D	N/D
CANNABINOL	CBN	N/D	N/D
CANNABIGEROL	CBG	N/D	N/D
CANNABIGEROLIC ACID	CBGA	N/D	N/D
DELTA-8-TETRAHYDROCANNABINOL	D8-THC	N/D	N/D
TETRAHYDROCANNABIVARIN	THCV	N/D	N/D
TOTAL D9-THC		N/D	N/D
TOTAL CBD*		10.408%	104.079
TOTAL CANNABINOIDS		10.408%	104.080



*Total CBD = CBD + CBDA x 0.877

Notes

208.15 mg per package



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