AMERICANNA LABORATORIES
11757 Central Pkwy | Jacksonville, Florida 32224
Phone: 904.549.5948 | americannalaboratories.com
State Lic.# CMTL-00009 | ISO/IEC 17025:2017 #102139

Certificate of Analysis

Blood Lime Kush
Flower
R&D: Not for Retail
LC-20221222-5779

Crown City Green
890 McLean Rd.
Cortland, NY 13045

http://crowncitygreen.com

Blood Lime Kush

Harvest/Lot ID: N/A
Batch ID: NA
Sample Size: 11.3035g
Compliance: Hemp

Batch Date: NA
Product Type: Flower

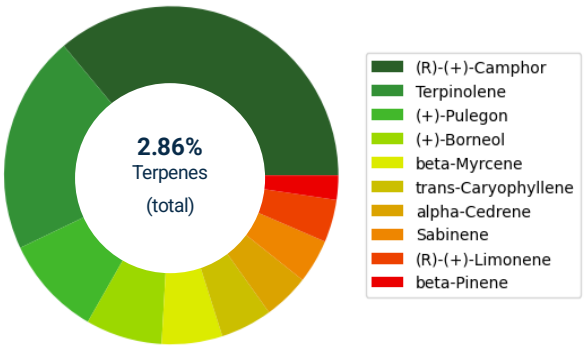
Order ID: 20221222-2119
Sampled on: 12/21/2022

Sample ID: LC-20221222-5779
Received on: 2022-12-22 17:00:00

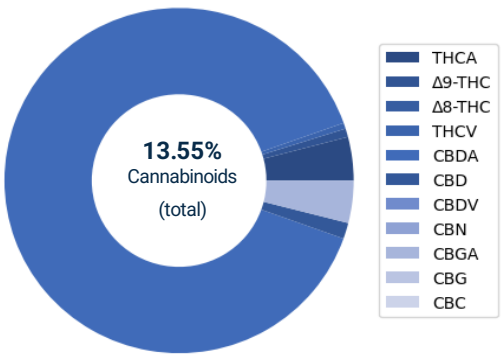
RESULTS SUMMARY

Potency TESTED	**Terpenes** TESTED	**Pesticides** PASS	**Heavy Metals** PASS	**Mycotoxins** PASS
Micro - Hemp PASS	**Residual Solvents** NOT TESTED	**Foreign Material** NOT TESTED	**Water Activity** NOT TESTED	**Moisture** TESTED

TERPENE PROFILE (%)



CANNABINOID PROFILE (%)



Terpene	%	Terpene	%
(R)-(+)-Camphor	0.908	trans-Caryophyllene	0.126
Terpinolene	0.527	alpha-Cedrene	0.111
(+)-Pulegon	0.242	Sabinene	0.106
(+)-Borneol	0.186	(R)-(+)-Limonene	0.103
beta-Myrcene	0.148	beta-Pinene	0.059

Detailed terpene analysis results on page 2.

Cannabinoid	%	mg/g
Total THC	0.59	5.92
Total CBD	10.80	10.80
Total CBG	0.47	4.71
Total Cannabinoids	**13.55**	**135.54**

Total THC = THC + (THCA * 0.877)
Total CBD = CBD + (CBDA * 0.877)
Total CBG = CBG + (CBGA * 0.877)

- continued -

FORM: COA54.16

Steven Perez
Executive Laboratory Director
01/06/2023

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CANNABINOIDS (POTENCY)

Analysis Batch: WO-23010301A
Analysis Date: 2023-01-04 14:30:00

Analysis Method: SOP 6.6
Instrument: Agilent HPLC I-33

Cannabinoid	Result (mg/g)	Result (%)	LOD (%)	Dilution
THCA	5.521	0.552	0.030	4
Δ9-THC	1.075	0.107	0.030	4
Δ8-THC	ND	ND	0.030	4
THCV	0.749	0.075	0.030	4
CBDA	120.803	12.080	0.030	4
CBD	2.031	0.203	0.030	4
CBDV	ND	ND	0.030	4
CBN	ND	ND	0.030	4
CBGA	5.366	0.537	0.030	4
CBG	ND	ND	0.030	4
CBC	ND	ND	0.030	4
Total THC	5.916	0.592		
Total CBD	107.975	10.797		
Total CBG	4.706	0.471		
Total Cannabinoids	135.544	13.554		

TERPENES

Analysis Batch: WO-23010303
Analysis Date: 2023-01-05 20:45:00

Analysis Method: SOP 6.9
Instrument: Agilent HS-GC-FID/MS (I-36)

Terpene	Result (ppm)	Result (%)	LOD (ppm)
(-)-alpha-Bisabolol	49.03	0.0049	1.00
Camphene	ND	ND	1.00
Camphor	18.56	0.0019	1.00
(1S)-3-(+)-Carene	164.06	0.0164	1.00
trans-Caryophyllene	1256.43	0.1256	1.00
(-)-Caryophyllene-oxide	ND	ND	1.00
(+)-Cedrol	44.90	0.0045	1.00
Eucalyptol	10.44	0.001	1.00
Farnesene	63.57	0.0064	1.00
(+)-Fenchone	ND	ND	1.00
Geranyl Acetate	188.87	0.0189	1.00
Hexahydrothymol	ND	ND	1.00
Isoborneol	38.11	0.0038	1.00
(-)-Isopulegol	109.80	0.011	1.00
Linalool	137.25	0.0137	1.00
p-Mentha-1,5-diene	264.89	0.0265	1.00
beta-Myrcene	1477.67	0.1478	1.00
Nerol	28.32	0.0028	1.00
cis-Nerolidol	ND	ND	1.00
Ocimene	579.57	0.058	1.00
Valencene	ND	ND	1.00

Terpene	Result (ppm)	Result (%)	LOD (ppm)
(+)-Borneol	1859.25	0.1859	1.00
(-)-Borneol	ND	ND	1.00
(R)-(+)-Camphor	9082.72	0.9083	1.00
(S)-(-)-Camphor	ND	ND	1.00
alpha-Cedrene	1112.58	0.1113	1.00
Endo Fenchyl Alcohol	231.27	0.0231	1.00
(L)-(-)-Fenchon	10.15	0.001	1.00
Geraniol	41.53	0.0042	1.00
(-)-Guaiol	90.77	0.0091	1.00
alpha-Humulene	187.81	0.0188	1.00
(R)-(+)-Limonene	1025.13	0.1025	1.00
trans-Nerolidol	61.30	0.0061	1.00
alpha-Pinene	544.07	0.0544	1.00
beta-Pinene	587.67	0.0588	1.00
(+)-Pulegon	2421.85	0.2422	1.00
Sabine Hydrate	ND	ND	1.00
Sabinene	1060.04	0.106	1.00
alpha-Terpinene	182.44	0.0182	1.00
gamma-Terpinene	118.55	0.0119	1.00
Terpineol	243.43	0.0243	1.00
Terpinolene	5269.35	0.5269	1.00
Total Terpenes	28561.40	2.8561	

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MYCOTOXINS

PASS

Analysis Batch: WO-23010305
Analysis Date: 2023-01-04 14:45:00

Analysis Method: SOP 6.7
Instrument: Agilent LC/TQ (I-32)

Mycotoxin	Result (ppm)	LOD (ppm)	Limit (ppm)
Aflatoxin B1	ND	0.005	
Aflatoxin B2	ND	0.005	
Aflatoxin G1	ND	0.005	
Aflatoxin G2	ND	0.005	
Ochratoxin A	ND	0.005	0.02
Total Aflatoxins	ND		0.02

HEAVY METALS

PASS

Analysis Batch: WO-23010304
Analysis Date: 2022-12-21 19:00:00

Analysis Method: SOP 6.10
Instrument: Agilent ICP/MS (I-37)

Metal	Result (ppm)	LOD (ppm)	Limit (ppm)
Arsenic	ND	0.05	1.5
Cadmium	ND	0.05	0.5
Lead	ND	0.05	0.5
Mercury	ND	0.005	3.0

MOISTURE DETERMINATION

Analysis Batch: WO-23010301
Analysis Date: 2023-01-04 14:36:00

Analysis Method: SOP 6.12
Instrument: Shimadzu MOC63u (I-45)

Test	Result (%)
Moisture	11.86

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FORM: COA54.16

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AGRICULTURAL AGENTS (PESTICIDES) — PASS

Analysis Batch: WO-23010305
Analysis Date: 2023-01-04 14:45:00

Analysis Method: SOP 6.7
Instrument: Agilent LC/TQ (I-32) and Agilent GC/TQ (I-34)

Pesticide	Result (ppm)	Action Limit (ppm)	LOD (ppm)
Abamectin	ND	0.3	0.01
Acephate	ND	3.0	0.01
Acequinocyl*	ND	2.0	0.01
Acetamiprid	ND	3.0	0.01
Aldicarb	ND	0.1	0.01
Azoxystrobin	ND	3.0	0.01
Bifenazate	ND	3.0	0.01
Bifenthrin*	ND	0.5	0.01
Boscalid*	ND	3.0	0.01
Captan	ND	3.0	0.01
Carbaryl	ND	0.5	0.01
Carbofuran	ND	0.1	0.01
Chlorantraniliprole	ND	3.0	0.01
Chlordane*	ND	0.1	0.01
Chlorfenapyr*	ND	0.05	0.01
Chlormequat chloride	ND	3.0	0.01
Chlorpyrifos*	ND	0.1	0.01
Clofentezine	ND	0.5	0.01
Coumaphos	ND	0.1	0.01
Cyfluthrin*	ND	1.0	0.01
Cypermethrin*	ND	1.0	0.01
Daminozide	ND	0.1	0.01
Diazinon	ND	0.2	0.01
Dichlorvos	ND	0.1	0.01
Dimethoate	ND	0.1	0.01
Dimethomorph (I/II)	ND	3.0	0.01
Ethoprophos (Prophos)	ND	0.1	0.01
Etofenprox	ND	0.1	0.01
Etoxazole	ND	1.5	0.01
Fenhexamid	ND	3.0	0.01
Fenoxycarb	ND	0.1	0.01
Fenpyroximate	ND	2.0	0.01
Fipronil	ND	0.1	0.01

Pesticide	Result (ppm)	Action Limit (ppm)	LOD (ppm)
Flonicamid	ND	2.0	0.01
Fludioxonil	ND	3.0	0.01
Hexythiazox	ND	2.0	0.01
Imazalil	ND	0.1	0.01
Imidacloprid	ND	3.0	0.01
Kresoxim-methyl	ND	1.0	0.01
Malathion	ND	2.0	0.01
Metalaxyl	ND	3.0	0.01
Methiocarb	ND	0.1	0.01
Methomyl	ND	0.1	0.01
Methyl parathion*	ND	0.1	0.01
Mevinphos (I/II)	ND	0.1	0.01
Myclobutanil	ND	3.0	0.01
Naled	ND	0.5	0.01
Oxamyl	ND	0.5	0.01
Paclobutrazol	ND	0.1	0.01
Pentachloronitrobenzene	ND	0.2	0.01
Permethrin*	ND	1.0	0.01
Phosmet	ND	0.2	0.01
Piperonyl butoxide	ND	3.0	0.01
Prallethrin	ND	0.4	0.01
Propiconazole	ND	1.0	0.01
Propoxur	ND	0.1	0.01
Pyrethrins	ND	1.0	0.01
Pyridaben	ND	3.0	0.01
Spinetoram (J/L)	ND	3.0	0.01
Spinosad (A+D)	ND	3.0	0.01
Spiromesifen	ND	3.0	0.01
Spirotetramat	ND	3.0	0.01
Spiroxamine (I/II)	ND	0.1	0.01
Tebuconazole	ND	1.0	0.01
Thiacloprid	ND	0.1	0.01
Thiamethoxam	ND	1.0	0.01
Trifloxystrobin	ND	3.0	0.01

*Analyzed by GC/TQ.

MICROBIAL PANEL A - HEMP COMPLIANCE — PASS

Analysis Batch: WO-23010302
Analysis Date: 2023-01-04 13:50:00

Analysis Method: SOP 6.11
Instrument: See Below

Target	Result (CFU/g)	Limit (CFU/g)	Method	Instrument
Listeria monocytogenes	ND	None Present	SOP 6.11	Agilent AriaMX, I-43
Salmonella	ND	None Present	SOP 6.11	Agilent AriaMX, I-43
Shiga toxin producing E. coli - [STEC)	ND	None Present	SOP 6.11	Agilent AriaMX, I-43

- End of report -

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01/06/2023