

Order #: 59164 Order Name: Raspberry Lemonade Batch#: 0729203 Received: 08/03/2020 Completed: 08/25/2020 Ageless Holdings LLC (801) 245-0559



Sample



N/D D9-THC 0.158% Total CBD

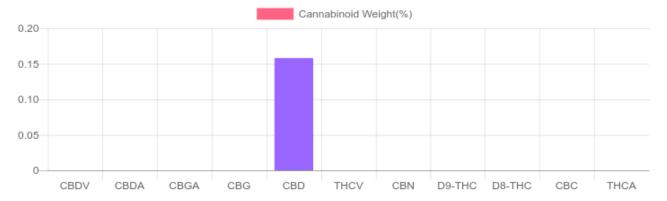
44.8 mg Cannabinoids per unit 44.8 mg CBD per unit

1 unit = 30 ml per unit x density (0.945) x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400	PREPARED: 08/	05/2020 20:00:37	UPLOADED: 08	/06/2020 12:57:35
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	0.158%	1.580	44.8
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
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		N/D	N/D	N/D
TOTAL CBD*		0.158%	1.580	44.8
TOTAL CANNABINOIDS		0.158%	1.580	44.8



Reporting Limit 10 ppm *Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

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PESTICIDE ANALYSIS:

GSL SOP 401 PREPARED: 08/05/2020 20:29:02 UPLOADED: 08/06/2020 16:49:39

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	3.000	N/D	0.003	0.001
CHLORDANE	0.100	N/D	0.003	0.001
CHLORFENAPYR	0.100	N/D	0.003	0.001
COUMAPHOS	0.100	N/D	0.003	0.001

Pesticide	Action Level	Results	LOQ	LOD
resticide	(ppm)	(ppm)	(ppm)	(ppm)
CYFLUTHRIN	1.000	N/D	0.003	0.001
CYPERMETHRIN	1.000	N/D	0.003	0.001
PENTACHLORONITROBENZEN	0.200	N/D	0.003	0.001

LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.300	N/D	0.005	0.001	IMAZALIL	0.100	N/D	0.005	0.001
ACEPHATE	3.000	N/D	0.001	0.001	IMIDACLOPRID	3.000	N/D	0.005	0.001
ACEQUINOCYL	2.000	N/D	0.001	0.001	KRESOXIM-METHYL	1.000	N/D	0.010	0.005
ACETAMIPRID	3.000	N/D	0.005	0.001	MALATHION	2.000	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.001	METALAXYL	3.000	N/D	0.001	0.001
AZOXYSTROBIN	3.000	N/D	0.001	0.001	METHIOCARB	0.100	N/D	0.005	0.001
BIFENAZATE	3.000	N/D	0.005	0.001	METHOMYL	0.100	N/D	0.001	0.001
BIFENTHRIN	0.500	N/D	0.005	0.001	MEVINPHOS	0.100	N/D	0.001	0.001
BOSCALID	3.000	N/D	0.005	0.001	MYCLOBUTANIL	3.000	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001	NALED	0.500	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.001	0.001	OXAMYL	0.500	N/D	0.001	0.001
CHLORANTRANILIPROLE	3.000	N/D	0.005	0.005	PACLOBUTRAZOL	0.100	N/D	0.005	0.001
CHLORMEQUAT	2.000	N/D	0.005	0.005	PERMETHRINS	1.000	N/D	0.005	0.001
CHLORIDE	3.000	N/D	0.025	0.025	PHOSMET	0.200	N/D	0.005	0.001
CHLORPYRIFOS	0.100	0.008	0.001	0.001	PIPERONYL	3.000	N/D	0.001	0.001
CLOFENTEZINE	0.500	N/D	0.001	0.001	BUTOXIDE	3.000	IN/D	0.001	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001	PRALLETHRIN	0.400	N/D	0.005	0.005
DIAZINON	0.200	N/D	0.001	0.001	PROPICONAZOLE	1.000	N/D	0.010	0.005
DICHLORVOS	0.100	N/D	0.005	0.001	PROPOXUR	0.100	N/D	0.001	0.001
DIMETHOATE	0.100	N/D	0.001	0.001	PYRETHRINS	1.000	N/D	0.005	0.005
DIMETHOMORPH	3.000	N/D	0.005	0.001	(PYRETHRIN I)	1.000	IN/D	0.005	0.005
ETHOPROPHOS	0.100	N/D	0.001	0.001	PYRIDABEN	3.000	N/D	0.005	0.001
ETOFENPROX	0.100	N/D	0.001	0.001	SPINETORAM	3.000	N/D	0.001	0.001
ETOXAZOLE	1.500	N/D	0.010	0.005	SPINOSAD	3.000	N/D	0.001	0.001
FENHEXAMID	3.000	N/D	0.005	0.001	SPIROMESIFEN	3.000	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.001	SPIROTETRAMAT	3.000	N/D	0.001	0.001
FENPYROXIMATE	2.000	N/D	0.001	0.001	SPIROXAMINE	0.100	N/D	0.001	0.001
FIPRONIL	0.100	N/D	0.003	0.001	TEBUCONAZOLE	1.000	N/D	0.005	0.001
FLONICAMID	2.000	N/D	0.025	0.010	THIACLOPRID	0.100	N/D	0.001	0.001
FLUDIOXONIL	3.000	N/D	0.003	0.001	THIAMETHOXAM	1.000	N/D	0.001	0.001
HEXYTHIAZOX	2.000	N/D	0.005	0.001	TRIFLOXYSTROBIN	3.000	N/D	0.001	0.001

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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Ben Witten, MS, MT., Lab Director

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RESIDUAL SOLVENTS:

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

Prepared: 08/10/2020 21:59:31 Uploaded: 08/11/2020 11:29:37

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.63
1,2- DICHLOROETHANE	2	N/D	0.12	0.02
ACETONE	5,000	N/D	140	20
ACETONITRILE	410	N/D	25	1
BENZENE	1	N/D	1	0.5
BUTANE	5,000	N/D	50	10
CHLOROFORM	1	N/D	1	0.5
CIS 1,2-DICHLOROETHENE	5	N/D	0.73	0.18
ETHANOL	5,000	N/D	140	20
ETHYL ACETATE	5,000	N/D	140	20
ETHYL ETHER	5,000	N/D	140	20
ETHYLENE OXIDE	1	N/D	0	0
ISOPROPYL ALCOHOL	5,000	N/D	140	20
METHANOL	3,000	N/D	100	20
METHYLENE CHLORIDE	125	N/D	0.15	0.15
N-HEPTANE	5,000	N/D	140	20
N-HEXANE	290	N/D	18	10
PENTANE	5,000	N/D	140	20
PROPANE	5,000	N/D	20	1
TOLUENE	890	N/D	53	1
FRANS 1,2-DICHLOROETHENE	5	N/D	0.73	0.18
TRICHLOROETHENE	1	N/D	1	0.5
XYLENES	150	N/D	130	20



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Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 08/25/2020 18:20:54

PCR - Agilent AriaMX

MICROBIAL ANALYSIS:

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
LISTERIA MONOCYTOGENES	406.01		ARIAMX PCR	2 COPIES OF DNA	PRESENCE/ABSENT	NOT DETECTED	PASS
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
PATHOGENIC E. COLI	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
SALMONELLA*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS

[†] USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

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^{*} STEC and Salmonella run as Multiplex

^{**} CFU/g Calculation based on Gummy matrix

^{****} Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA



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Mycotoxin Analysis:

LC-MS - Shimadzu LCMS-8060 GSL SOP 401

Uploaded: 08/06/2020 16:49:39

Analyte	Action LvI (ppb)	Results (ppb)
AFLATOXIN B1	20	N/D
AFLATOXIN B2	20	N/D
AFLATOXIN G1	20	N/D
AFLATOXIN G2	20	N/D
OCHRATOXIN A	20	N/D

LOQ is 1ppb, LOD is 1ppb

Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 08/15/2020 03:09:48

Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200	B/LOQ
CADMIUM (CD)	200	B/LOQ
MERCURY (HG)	100	B/LOQ
LEAD (PB)	500	B/LOQ

Lower Limit of Quantitation (LOQ) is 75 ppb

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