Baseline Laboratories

2040 N. Harper St. • Choctaw, OK 73020

405-390-2522

Work Order ID:	**M2103117-2**
Report Date:	**4/1/2021**
	Oklahoma Compliance Production Batch

Mr. Shane Ferrante
Zen Cannabis - PAAA-NYZT-6BFH

OMMA Lic: LAAA-4KTI-YEVJ
OBN Lic: 62768

PJLA Testing
Accreditation #108334
ISO/IEC 17025:2017 Accredited

Analytical Report

Sample ID:	**M2103117-2**	**Client ID:**	**Extra Strength Dark Berry 150mg**	**Date Received:**	**3/25/2021**
SOP:	**CANN**	**Batch:**	**BAT202135**	**Analysis Date:**	**3/29/2021**
Matrix:	**Edible**	**Analysis Method:**	**HPLC/DAD**	**Unit Mass(g):**	**9**
				Analyst:	**CNE**

Cannabinoid	Result (%)	Result (µg/g)	Per Unit (mg)
CBDa	ND	ND	ND
CBG	0.045	448	4.03
CBD	ND	185	ND
THCv	0.012	120	1.08
CBN	0.023	229	2.06
Δ9-THC	1.509	15090	135.81
Δ8-THC	ND	ND	ND
THCa	ND	ND	ND
CBC	ND	ND	ND
TOTAL	1.589	16072	142.98
TOTAL THC	1.509	15090	135.81
TOTAL CBD	0.000	185	0.00

Total THC = (THCa x 0.877) + Δ9-THC

Total CBD = (CBDa x 0.877) + CBD

Brandon Mosley
Laboratory Manager

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This analysis is provided as a service and makes no claims of efficacy and/or safety of this product. Results not corrected for moisture content.

Results relate only to the items tested.

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SOP:	**TERP**	**Batch:**	**BAT202135**	**Analysis Date:**	**3/29/2021**
Matrix:	**Edible**	**Analysis Method:**	**HS/GC-FID**	**Analyst:**	**CNE**

Terpene	Result (%)	Result (µg/g)
α-Pinene	ND	ND
Camphene	ND	ND
β-Myrcene	ND	ND
β-Pinene	ND	ND
δ-3-Carene	ND	ND
α-Terpinene	ND	ND
Ocimene 1	ND	ND
d-Limonene	ND	ND
p-Cymene	ND	ND
Ocimene 2	ND	ND
Eucalyptol	ND	ND
γ-Terpinene	ND	ND
Terpinolene	ND	ND
Linalool	ND	ND
Isopulegol	ND	ND
Geraniol	ND	ND
β-Caryophyllene	ND	ND
α-Humulene	ND	ND
Nerolidol 1	ND	ND
Nerolidol 2	ND	ND
Guaiol	ND	ND
Caryophyllene Oxide	ND	ND
α-Bisabolol	ND	ND
TOTAL	ND	ND

ND = Not Detected above Reporting limit

Reporting Limit (µg/g) = 350

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SOP:	**SOLV**	**Batch:**	**BAT202135**	**Analysis Date:**	**3/29/2021**
Matrix:	**Edible**	**Analysis Method:**	**HS/GC-FID**	**Analyst:**	**CNE**

Residual Solvent	Result (ppm)	State Action Level (ppm)
Acetone	<1000	1000
Benzene	<2	2
Toluene	<180	180
Total Xylenes	<430	430
Propane	<1000	1000
Butanes	<1000	1000
Heptanes	<1000	1000
Pentane	<1000	1000
Hexane	<60	60
Isopropyl Alcohol	<1000	1000
Methanol	<600	600
Ethyl Acetate	<1000	1000

Result Below State Action Level

Result Above State Action Level

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Sample ID:	**M2103117-2**	**Client ID:**	**Extra Strength Dark Berry 150mg**	**Date Received:**	**3/25/2021**
SOP:	**LCMS**	**Batch:**	**BAT202135**	**Analysis Date:**	**3/31/2021**
Matrix:	**Edible**	**Analysis Method:**	**LC-MS/MS**	**Analyst:**	**DES**

Mycotoxin	Result (ppb)	Action Level (ppb)
Aflatoxin B1	<5	5
Aflatoxin B2	<5	5
Aflatoxin G1	<5	5
Aflatoxin G2	<5	5
Ochratoxin	<20	20

Sample ID:	**M2103117-2**	**Client ID:**	**Extra Strength Dark Berry 150mg**	**Date Received:**	**3/25/2021**
SOP:	**METL**	**Batch:**	**BAT202135**	**Analysis Date:**	**3/30/2021**
Matrix:	**Edible**	**Analysis Method:**	**ICP-OES**	**Analyst:**	**RTJ**

Metal	Result (ppm)	Action Level (ppm)
Lead	<1.0	1.0
Arsenic	<1.5	1.5
Cadmium	<0.5	0.5
Mercury	<1.5	1.5

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SOP:	**LCMS**	**Batch:**	**BAT202135**	**Analysis Date:**	**3/31/2021**
Matrix:	**Edible**	**Analysis Method:**	**LC-MS/MS**	**Analyst:**	**DES**

Pesticide	Result (ug/g)	Action Level (ug/g)
Abamectin B1a & B1b	<0.5	0.5
Azoxystrobin	<0.2	0.2
Bifenazate	<0.2	0.2
Etoxazole	<0.2	0.2
Imazilil	<0.2	0.2
Imidacloprid	<0.4	0.4
Malathion	<0.2	0.2
Myclobutanil	<0.2	0.2
Permethrins	<0.2	0.2
Spinosad A & D	<0.2	0.2
Spiromesifen	<0.2	0.2
Spirotetramat	<0.2	0.2
Tebuconazole	<0.4	0.4

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SOP:	**QPCR/MBIO**	**Batch:**	**BAT202135**	**Setup Date:**	**3/29/2021**
Matrix:	**Edible**	**Analysis Method:**	**qPCR/Plate**	**Analyst:**	**RTJ**

Microbiology	Result (CFU/g)	Action Level (CFU/g)
STEC	<1	1
Yeast & Mold (Plate)	<100	10000
Salmonella	<1	1
Aspergillus niger	<1	1
Aspergillus flavus	<1	1
Aspergillus fumigatus	<1	1
Aspergillus terreus	<1	1

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