desert valley TESTING

51 W. Weldon Ave
Phoenix, AZ
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

00000003LCIN00627986

Curaleaf_Phoenix_AZ_Processing

License#: 00000053DCXB00858835
3333 S Central Ave
Phoenix, AZ 85040
602-525-7782

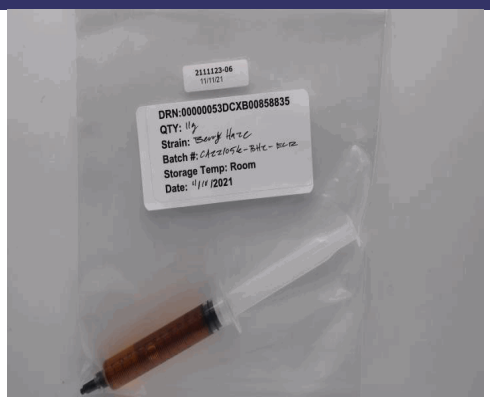
Additional Licenses:
Batch #: CAZ2105K-BHZ-ELR; External Lot #:
Sample Batch Collection:11/10/21 08:12; Sample Batch Collected By:Curaleaf_Phoenix_AZ
Sample Received:11/11/2021; Report Created: 12/6/2021

Berry Haze Select Live Cartridge

Laboratory Number: 2111123-06
Concentrates

Herbicides	Pesticides	Residual Solvents	Metals	Mycotoxins	Aspergillus	E. Coli/ Salmonella
PASS	PASS	PASS	PASS	PASS	PASS	PASS

Sample Image



Cannabinoid (HPLC) Analyzed: 11/23/21 By: HMH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	4.03	40.3	
delta 9-THC	1.95	79.67	797	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.81	8.07	
CBG-A	0.10	0.32	3.25	
CBD-A	0.10	ND	ND	
CBD	0.10	0.44	4.45	
CBD-V	0.10	ND	ND	
CBN	0.10	0.42	4.18	
CBG	0.10	3.27	32.7	
CBC	0.10	0.87	8.68	

83.23 % 832.30 mg/g	0.45 % 4.45 mg/g	89.80 % 898.00 mg/g
Total THC	**Total CBD**	**Total Cannabinoids**

Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDa * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 11/22/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	0.930	ND	
Ochratoxins	1.86	ND	

Residual Solvents (GCMS-MS) Analyzed: 11/23/21 By: ZEN

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	
Pentanes	145.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

Metals (ICP-MS) Analyzed: 11/23/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.102	ND	
Cadmium	0.102	ND	
Lead	0.102	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 11/19/2021 By: TCJ

Pathogens	RL	Result	Units	Q
E. coli	10.0	ND	cfu/g	

Regulated Microbials (PCR) Analyzed: 11/16/2021 By: LEF

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	cfu/g	
Salmonella	1.00	Absent	cfu/g	

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Marie Comprone
Client Relations Supervisor

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Pesticides (LC-MS TQ) Analyzed: 11/23/21 By: LEH

Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.186	ND		Acequinocyl	0.930	ND	
Acetamiprid	0.093	ND		Aldicarb	0.186	ND	
Azoxystrobin	0.093	ND		Bifenthrin	0.093	ND	
Boscalid	0.186	ND		Carbaryl	0.093	ND	
Carbofuran	0.093	ND		Chlorpyrifos	0.093	ND	
Diazinon	0.093	ND		Dimethoate	0.093	ND	
Ethoprophos	0.093	ND		Etofenprox	0.186	ND	
Etoxazole	0.093	ND		Fenoxycarb	0.093	ND	
Fenpyroximate E	0.186	ND	V1	Flonicamid	0.465	ND	
Fludioxonil	0.186	ND		Hexythiazox	0.465	ND	
Imazalil	0.093	ND	L1, V1	Imidacloprid	0.186	ND	
Kresoxim-methyl	0.186	ND		Malathion	0.093	ND	
Metalaxyl	0.093	ND		Methiocarb	0.093	ND	
Methomyl	0.186	ND		Myclobutanil	0.093	ND	
Naled	0.233	ND		Oxamyl	0.465	ND	
Piperonyl butoxide	0.930	ND		Propiconazole	0.186	ND	
Propoxure	0.093	ND		Spiromesifen	0.093	ND	
Spirotetramat	0.093	ND	V1	Spiroxamine	0.186	ND	
Tebuconazole	0.186	ND	V1	Thiacloprid	0.093	ND	
Thiamethoxam	0.093	ND		Trifloxystrobin	0.093	ND	
Abamectin	0.233	ND		Bifenazate	0.093	ND	V1
Chlorantraniliprole	0.093	ND		Clofentezine	0.093	ND	
Cyfluthrin	0.930	ND	V1	Cypermethrin	0.465	ND	
Daminozide	0.465	ND	L1, V1	DDVP (Dichlorvos)	0.093	ND	V1
Fipronil	0.186	ND		Paclobutrazol	0.186	ND	V1
Permethrins	0.093	ND		Phosmet	0.093	ND	
Prallethrin	0.093	ND	V1	Pyrethrins	0.465	ND	V1
Pyridaben	0.093	ND		Spinosad	0.093	ND	L1
Chlorfenapyr	0.930	ND					

Herbicides (LC-MS TQ) Analyzed: 11/30/21 By: LEH

Analyte	RL	ppm	Q
Pendimethalin	0.047	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	
Enterobacteria	NT	NT	cfu/g	

Water Activity (Moisture Reacter) Analyzed: By:		AW	Q
Compound			
Water Activity		NT	

Moisture (Drying Oven) Analyzed: By:		%	Q
Compound			
Percent Moisture	NT	NT	

pH Test (HannHI11310) Analyzed: By:		NA	Q
Compound			
pH		NT	

Terpenes (GCMS-MS) Analyzed: By:	mg/g	%	Q
Compound			
alpha-Bisabolol	NT	NT	
(-)-Borneol and (+)-Borneol	NT	NT	
Camphene	NT	NT	
Camphor	NT	NT	
beta-Caryophyllene	NT	NT	
trans-Caryophyllene	NT	NT	
Caryophyllene Oxide	NT	NT	
alpha-Cedrene	NT	NT	
Cedrol	NT	NT	
Endo-fenchyl Alcohol	NT	NT	
Eucalyptol	NT	NT	
Fenchone	NT	NT	
Geraniol	NT	NT	
Geranyl acetate	NT	NT	
Guaiol	NT	NT	
Hexahydrothymol	NT	NT	
alpha-Humulene	NT	NT	
Isoborneol	NT	NT	
Isopulegol	NT	NT	
Limonene	NT	NT	
Linalool	NT	NT	
p-Mentha-1,5-diene	NT	NT	
beta-Myrcene	NT	NT	
trans-Nerolidol	NT	NT	
Ocimene	NT	NT	
alpha-Pinene	NT	NT	
beta-Pinene	NT	NT	
Pulegone	NT	NT	
Sabinene	NT	NT	
Sabinene Hydrate	NT	NT	
gamma-Terpinene	NT	NT	
alpha-Terpinene	NT	NT	
3-Carene	NT	NT	
Terpineol	NT	NT	
Terpinolene	NT	NT	
Valencene	NT	NT	
Nerol	NT	NT	
cis-Nerolidol	NT	NT	
Total Terpenes	NT	NT	

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QUALIFIER DEFINTIONS AND CASE NARRATIVE

Q3	Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
D1	The limit of quantitation and the sample results were adjusted to reflect sample dilution.
L1	The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
V1	Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Terpene analysis not regulated by Arizona Department of Health.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements, and the reason for the variance will be described in the Work Order memo.

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