

## Curaleaf / Cura AZ

License#: 3333 S Central Ave  
Phoenix, AZ 85040  
(435) 760-8520

Additional Licenses:  
Batch #: CAZ2118E-CHM-ELR  
Sample Batch Collection: 05/19/21 14:33; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 5/19/2021; Report Created: 6/8/2021

### Chocolate Marshmallows Elite Live Resin Cartridge

Laboratory Number: 2105137-15  
Concentrates

<b>Herbicides</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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#### Sample Image



#### Residual Solvents (GCMS-MS) Analyzed: 05/25/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	L1, V1
Pentanes	145.00	ND	L1, N1, V1
Acetonitrile	205.00	ND	L1
Dichloromethane	300.00	ND	N1, L1
Hexanes	145.00	ND	L1, N1, V1
Chloroform	30.00	ND	L1
n-Heptane	2500.0	ND	L1
Methanol	1500.0	ND	L1
Ethanol	2500.0	ND	L1, N1
Diethyl Ether	2500.0	ND	L1
Acetone	500.00	ND	L1
Isopropanol	2500.0	ND	L1, N1
Ethyl acetate	2500.0	ND	L1
Isopropyl acetate	2500.0	ND	L1
Benzene	1.00	ND	L1, N1, V1
Toluene	445.00	ND	L1, N1, V1
Xylenes	100.00	ND	N1, V1

#### Cannabinoid (HPLC) Analyzed: 05/21/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.09	6.01	60.1	
delta 9-THC	1.87	69.82	698	D1
delta 8-THC	0.09	ND	ND	
THC-V	0.09	0.51	5.14	
CBG-A	0.09	0.37	3.74	
CBD-A	0.09	ND	ND	
CBD	0.09	0.91	9.05	
CBD-V	0.09	ND	ND	
CBN	0.09	0.37	3.70	
CBG	0.09	3.03	30.3	
CBC	0.09	0.66	6.58	

#### Metals (ICP-MS) Analyzed: 05/25/21 By: CBH

Element	RL	ppm	Q
Arsenic	0.100	ND	
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	

#### Regulated Microbials (Petrifilm) Analyzed: 5/23/2021 By: LEF

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

#### Regulated Microbials (PCR) Analyzed: 5/22/2021 By: LEF

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

75.08 % 750.80 mg/g <b>Total THC</b>	0.91 % 9.05 mg/g <b>Total CBD</b>	81.70 % 817.00 mg/g <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

#### Regulated Mycotoxins (LC-MS TQ) Analyzed: 06/04/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	0.955	ND	M2
Ochratoxins	1.91	ND	M2

RL = Reporting Limit  
NA = Not Applicable  
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LOQ = Limit of Quantification



Tabitha Hauer  
Owner

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# Certificate of Analysis

00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 05/25/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.095	ND		Acequinocyl	0.477	ND	
Acetamiprid	0.048	ND		Aldicarb	0.095	ND	
Azoxystrobin	0.048	ND		Bifenthrin	0.048	ND	
Boscalid	0.095	ND		Carbaryl	0.048	ND	
Carbofuran	0.048	ND		Chlorpyrifos	0.048	ND	
Diazinon	0.048	ND		Dimethoate	0.048	ND	
Ethoprophos	0.048	ND		Etofenprox	0.095	ND	
Etoxazole	0.048	ND		Fenoxycarb	0.048	ND	
Fenpyroximate E	0.095	ND		Fonicamid	0.239	ND	
Fludioxonil	0.095	ND		Hexythiazox	0.239	ND	
Imazalil	0.048	ND		Imidacloprid	0.095	ND	
Kresoxim-methyl	0.095	ND		Malathion	0.048	ND	
Metalaxyl	0.048	ND		Methiocarb	0.048	ND	
Methomyl	0.095	ND		Myclobutanil	0.048	ND	
Naled	0.119	ND		Oxamyl	0.239	ND	
Piperonyl butoxide	0.477	ND		Propiconazole	0.095	ND	
Propoxure	0.048	ND		Spiromesifen	0.048	ND	
Spirotetramat	0.048	ND		Spiroxamine	0.095	ND	
Tebuconazole	0.095	ND		Thiacloprid	0.048	ND	
Thiamethoxam	0.048	ND		Trifloxystrobin	0.048	ND	
Abamectin	0.119	ND		Bifenazate	0.048	ND	
Chlorantraniliprole	0.048	ND		Clofentezine	0.048	ND	
Cyfluthrin	0.239	ND		Cypermethrin	0.239	ND	
Daminozide	0.239	ND	V1	DDVP (Dichlorvos)	0.005	ND	Q3
Fipronil	0.095	ND		Paclobutrazol	0.095	ND	
Permethrins	0.048	ND		Phosmet	0.048	ND	
Prallethrin	0.048	ND		Pyrethrins	0.239	ND	
Pyridaben	0.048	ND		Spinosad	0.048	ND	
Chlorfenapyr	0.095	ND		Chlorfenapyr	0.095	ND	

Herbicides (LC-MS TQ) Analyzed: 06/03/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.019	ND	

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*Tabitha A. Hauer*  
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Non-Regulated Microbials (PetriFilms) Analyzed: By:				
	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3
Enterobacteria	NT	NT	cfu/g	Q3

Terpenes (GCMS-MS) Analyzed: By:			
	mg/g	%	Q
<b>Compound</b>			
alpha-Bisabolol	NT	NT	Q3
(-)-Borneol and (+)-Borneol	NT	NT	Q3
Camphene	NT	NT	Q3
Camphor	NT	NT	Q3
beta-Caryophyllene	NT	NT	Q3
trans-Caryophyllene	NT	NT	Q3
Caryophyllene Oxide	NT	NT	Q3
alpha-Cedrene	NT	NT	Q3
Cedrol	NT	NT	Q3
Endo-fenchyl Alcohol	NT	NT	Q3
Eucalyptol	NT	NT	Q3
Fenchone	NT	NT	Q3
Geraniol	NT	NT	Q3
Geranyl acetate	NT	NT	Q3
Guaiol	NT	NT	Q3
Hexahydrothymol	NT	NT	Q3
alpha-Humulene	NT	NT	Q3
Isoborneol	NT	NT	Q3
Isopulegol	NT	NT	Q3
Limonene	NT	NT	Q3
Linalool	NT	NT	Q3
p-Mentha-1,5-diene	NT	NT	Q3
beta-Myrcene	NT	NT	Q3
trans-Nerolidol	NT	NT	Q3
Ocimene	NT	NT	Q3
alpha-Pinene	NT	NT	Q3
beta-Pinene	NT	NT	Q3
Pulegone	NT	NT	Q3
Sabinene	NT	NT	Q3
Sabinene Hydrate	NT	NT	Q3
gamma-Terpinene	NT	NT	Q3
alpha-Terpinene	NT	NT	Q3
3-Carene	NT	NT	Q3
Terpineol	NT	NT	Q3
Terpinolene	NT	NT	Q3
Valencene	NT	NT	Q3
Nerol	NT	NT	Q3
cis-Nerolidol	NT	NT	Q3
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Moisture Reactor) Analyzed: By:			
		AW	Q
<b>Compound</b>			
Water Activity		NT	Q3
Moisture (Drying Oven) Analyzed: By:			
		%	Q
<b>Compound</b>			
Percent Moisture	NT	NT	Q3
pH Test (HannHI11310) Analyzed: By:			
		NA	Q
<b>Compound</b>			
pH		NT	Q3

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### QUALIFIER DEFINITIONS 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.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
- Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements or labeling requirements.
- 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.

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.

N1: Matrix Spike above acceptance criteria for isopentene, dichloromethane, hexanes, ethanol, isopropanol, benzene, toluene, and xylenes

N1- MS did not meet acceptance criteria for bifenthrin, propiconazole, tebuconazole, cyfluthrin, cypermethrin, fipronil, permethrins.

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