

## Curaleaf / Cura AZ

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

Additional Licenses:  
Batch #: CAZ2122D-LH

Sample Batch Collection: 04/26/21 15:10; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 4/26/2021; Report Created: 5/12/2021

Lemon Head Select Elite Cartridge

Laboratory Number: 2104203-09

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: 04/30/21 By: LEH

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	

### Cannabinoid (HPLC) Analyzed: 04/29/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.09	1.81	18.1	
delta 9-THC	1.84	81.68	817	D1
delta 8-THC	0.09	ND	ND	
THC-V	0.09	0.48	4.76	
CBG-A	0.09	0.21	2.13	
CBD-A	0.09	0.15	1.47	
CBD	0.09	0.33	3.34	
CBD-V	0.09	ND	ND	Q3
CBN	0.09	0.70	7.05	Q3
CBG	0.09	3.26	32.6	Q3
CBC	0.09	0.79	7.91	

### Metals (ICP-MS) Analyzed: 05/03/21 By: JVR

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

### Regulated Microbials (Petrifilm) Analyzed: 4/28/2021 By: MEF

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

### Regulated Microbials (PCR) Analyzed: 4/30/2021 By: KRB

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

83.29 % 832.90 mg/g <b>Total THC</b>	0.46 % 4.63 mg/g <b>Total CBD</b>	89.40 % 894.00 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: 04/30/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	1.09	ND	
Ochratoxins	2.17	ND	

RL = Reporting Limit  
NA = Not Applicable  
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ND = Non Detected  
LOQ = Limit of Quantification



Tabitha Hauer  
Owner

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# Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 05/01/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.109	ND		Acequinocyl	0.544	ND	R1
Acetamiprid	0.054	ND		Aldicarb	0.109	ND	
Azoxystrobin	0.054	ND		Bifenthrin	0.054	ND	
Boscalid	0.109	ND		Carbaryl	0.054	ND	
Carbofuran	0.054	ND		Chlorpyrifos	0.054	ND	M2
Diazinon	0.054	ND		Dimethoate	0.054	ND	
Ethoprophos	0.054	ND		Etofenprox	0.109	ND	M2
Etoxazole	0.054	ND		Fenoxycarb	0.054	ND	M2
Fenpyroximate E	0.109	ND	M2	Fonicamid	0.272	ND	
Fludioxonil	0.109	ND		Hexythiazox	0.272	ND	
Imazalil	0.054	ND		Imidacloprid	0.109	ND	
Kresoxim-methyl	0.109	ND		Malathion	0.054	ND	
Metalaxyl	0.054	ND		Methiocarb	0.054	ND	M2
Methomyl	0.109	ND		Myclobutanil	0.054	ND	M2
Naled	0.136	ND		Oxamyl	0.272	ND	
Piperonyl butoxide	0.544	ND		Propiconazole	0.109	ND	M2
Propoxure	0.054	ND		Spiromesifen	0.054	ND	M2
Spirotetramat	0.054	ND		Spiroxamine	0.109	ND	
Tebuconazole	0.109	ND	M2	Thiacloprid	0.054	ND	
Thiamethoxam	0.054	ND		Trifloxystrobin	0.054	ND	
Abamectin	0.136	ND	Q3 M2	Bifenazate	0.054	ND	Q3
Chlorantraniliprole	0.054	ND	Q3 M2	Clofentezine	0.054	ND	Q3 M2
Cyfluthrin	0.272	ND	Q3 M2	Cypermethrin	0.272	ND	Q3 M2
Daminozide	0.272	ND	Q3 M2	DDVP (Dichlorvos)	0.005	ND	Q3 M2
Fipronil	0.109	ND	Q3	Paclobutrazol	0.109	ND	Q3
Permethrins	0.054	ND	Q3 M2	Phosmet	0.054	ND	Q3
Prallethrin	0.054	ND	Q3 M2	Pyrethrins	0.272	ND	Q3 M2
Pyridaben	0.054	ND	Q3 M2	Spinosad	0.054	ND	Q3
Chlorfenapyr	0.109	ND	Q3				

Herbicides (LC-MS TQ) Analyzed: 05/01/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.022	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	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.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.

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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