

## Curaleaf / Cura AZ

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

Additional Licenses:  
Batch #: CAZ2129D-GA

Sample Batch Collection: 04/30/21 10:04; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 4/30/2021; Report Created: 5/21/2021

Grape Ape Select Elite Cartridge

Laboratory Number: 2104239-12  
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: 05/06/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	R1
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	V1
Toluene	445.00	ND	V1
Xylenes	100.00	ND	V1

Cannabinoid (HPLC) Analyzed: 05/04/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	1.70	17.0	
delta 9-THC	1.91	81.01	810	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.58	5.81	
CBG-A	0.10	0.16	1.65	
CBD-A	0.10	ND	ND	
CBD	0.10	0.70	7.04	
CBD-V	0.10	ND	ND	
CBN	0.10	0.63	6.26	
CBG	0.10	3.31	33.1	
CBC	0.10	1.06	10.6	

Metals (ICP-MS) Analyzed: 05/11/21 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: 5/3/2021 By: LEF

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

Regulated Microbials (PCR) Analyzed: 5/5/2021 By: MEF

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

82.49 % 824.90 mg/g <b>Total THC</b>	0.70 % 7.04 mg/g <b>Total CBD</b>	89.20 % 892.00 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: 05/05/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	1.11	ND	M2
Ochratoxins	2.22	ND	R1

RL = Reporting Limit  
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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: 05/05/21 By: KSG							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.111	ND		Acequinocyl	0.554	ND	
Acetamiprid	0.055	ND		Aldicarb	0.111	ND	
Azoxystrobin	0.055	ND		Bifenthrin	0.055	ND	
Boscalid	0.111	ND	M2, R1	Carbaryl	0.055	ND	
Carbofuran	0.055	ND		Chlorpyrifos	0.055	ND	M2
Diazinon	0.055	ND		Dimethoate	0.055	ND	
Ethoprophos	0.055	ND		Etofenprox	0.111	ND	
Etoxazole	0.055	ND		Fenoxycarb	0.055	ND	M2
Fenpyroximate E	0.111	ND	M2	Fonicamid	0.277	ND	
Fludioxonil	0.111	ND		Hexythiazox	0.277	ND	
Imazalil	0.055	ND		Imidacloprid	0.111	ND	
Kresoxim-methyl	0.111	ND		Malathion	0.055	ND	
Metalaxyl	0.055	ND		Methiocarb	0.055	ND	M2
Methomyl	0.111	ND		Myclobutanil	0.055	ND	M2
Naled	0.138	ND		Oxamyl	0.277	ND	
Piperonyl butoxide	0.554	ND		Propiconazole	0.111	ND	M2
Propoxure	0.055	ND		Spiromesifen	0.055	ND	M2
Spirotetramat	0.055	ND	M2	Spiroxamine	0.111	ND	
Tebuconazole	0.111	ND	M2	Thiacloprid	0.055	ND	
Thiamethoxam	0.055	ND		Trifloxystrobin	0.055	ND	
Abamectin	0.138	ND	Q3 M2	Bifenazate	0.055	ND	Q3
Chlorantraniliprole	0.055	ND	Q3	Clofentezine	0.055	ND	Q3 M2
Cyfluthrin	0.277	ND	Q3 M2	Cypermethrin	0.277	ND	Q3 M2
Daminozide	0.277	ND	Q3	DDVP (Dichlorvos)	0.006	ND	Q3 M2
Fipronil	0.111	ND	Q3	Paclobutrazol	0.111	ND	Q3
Permethrins	0.055	ND	Q3 M2	Phosmet	0.055	ND	Q3
Prallethrin	0.055	ND	Q3 V1	Pyrethrins	0.277	ND	Q3 M2
Pyridaben	0.055	ND	Q3	Spinosad	0.055	ND	Q3 M2
Chlorfenapyr	0.111	ND	Q3				

Herbicides (LC-MS TQ) Analyzed: 05/05/21 By: KSG			
Analyte	RL	ppm	Q
Pendimethalin	0.022	ND	L1

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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.
- 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.
- 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.
- 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.

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