

## Curaleaf\_Phoenix\_AZ\_Processing

License#: 00000053DCXB00858835

3333 S Central Ave

Phoenix, AZ 85040

602-525-7782

Additional Licenses:

Batch #: CAZ2126J-AB; External Lot #:

Sample Batch Collection: 10/29/21 09:28; Sample Batch Collected By:

Sample Received: 11/1/2021; Report Created: 11/15/2021

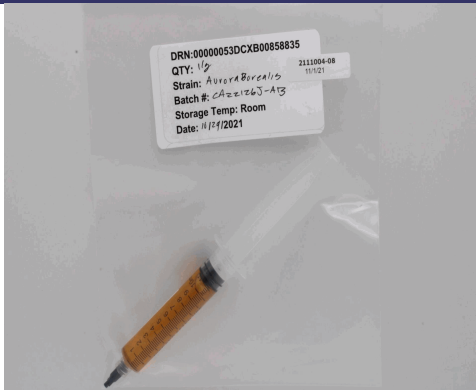
Aurora Borealis Select Elite Cartridge

Laboratory Number: 2111004-08

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: 11/10/21 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	

Cannabinoid (HPLC) Analyzed: 11/10/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.11	1.22	12.2	
delta 9-THC	2.20	82.95	830	D1
delta 8-THC	0.11	ND	ND	
THC-V	0.11	0.55	5.50	
CBG-A	0.11	0.29	2.87	
CBD-A	0.11	0.12	1.19	
CBD	0.11	0.32	3.24	
CBD-V	0.11	ND	ND	
CBN	0.11	1.84	18.4	
CBG	0.11	1.32	13.2	
CBC	0.11	1.40	14.0	

Metals (ICP-MS) Analyzed: 11/12/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.096	ND	
Cadmium	0.096	ND	
Lead	0.096	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 11/9/2021 By: TCJ

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

Regulated Microbials (PCR) Analyzed: 11/8/2021 By: LEF

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

84.07 % 840.70 mg/g <b>Total THC</b>	0.42 % 4.28 mg/g <b>Total CBD</b>	90.00 % 900.00 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: 11/10/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	1.11	ND	V1
Ochratoxins	2.21	ND	

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



Tabitha Hauer  
Owner

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# Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 11/09/21 By: JVR							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.221	ND		Acequinocyl	1.11	ND	L1, V1
Acetamiprid	0.111	ND		Aldicarb	0.221	ND	
Azoxystrobin	0.111	ND		Bifenthrin	0.111	ND	V1
Boscalid	0.221	ND	V1	Carbaryl	0.111	ND	
Carbofuran	0.111	ND		Chlorpyrifos	0.111	ND	
Diazinon	0.111	ND		Dimethoate	0.111	ND	
Ethoprophos	0.111	ND		Etofenprox	0.221	ND	V1
Etoxazole	0.111	ND		Fenoxycarb	0.111	ND	
Fenpyroximate E	0.221	ND	V1	Fonicamid	0.553	ND	
Fludioxonil	0.221	ND	V1	Hexythiazox	0.553	ND	
Imazalil	0.111	ND		Imidacloprid	0.221	ND	V1
Kresoxim-methyl	0.221	ND	L1	Malathion	0.111	ND	
Metalaxyl	0.111	ND		Methiocarb	0.111	ND	
Methomyl	0.221	ND		Myclobutanil	0.111	ND	
Naled	0.277	ND	V1	Oxamyl	0.553	ND	
Piperonyl butoxide	1.11	ND		Propiconazole	0.221	ND	L1, V1
Propoxure	0.111	ND		Spiromesifen	0.111	ND	V1
Spirotetramat	0.111	ND		Spiroxamine	0.221	ND	
Tebuconazole	0.221	ND		Thiacloprid	0.111	ND	
Thiamethoxam	0.111	ND		Trifloxystrobin	0.111	ND	
Abamectin	0.277	ND	L1, V1	Bifenazate	0.111	ND	V1
Chlorantraniliprole	0.111	ND	V1	Clofentezine	0.111	ND	
Cyfluthrin	1.11	ND	V1	Cypermethrin	0.553	ND	V1
Daminozide	0.553	ND	B2, M1, V1	DDVP (Dichlorvos)	0.055	ND	V1
Fipronil	0.221	ND	M1, V1	Paclobutrazol	0.221	ND	V1
Permethrins	0.111	ND	L1, V1	Phosmet	0.111	ND	
Prallethrin	0.111	ND	V1	Pyrethrins	0.553	ND	V1
Pyridaben	0.111	ND	V1	Spinosad	0.111	ND	
Chlorfenapyr	1.11	ND					

Herbicides (LC-MS TQ) Analyzed: 11/10/21 By: JVR			
Analyte	RL	ppm	Q
Pendimethalin	0.055	ND	V1

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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	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	
Enterobacteria	NT	NT	cfu/g	

### Terpenes (GCMS-MS) Analyzed: By:

	mg/g	%	Q
<b>Compound</b>			
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	
<b>Total Terpenes</b>	NT	NT	

### Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	

### Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	

### pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
pH	NT	

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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.
- B2 The target analyte detected in the calibration blank or the method blank is at or above the limit of quantitation, but the sample result is below the maximum allowable concentration for the analyte.
- 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.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are 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.

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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