

Curaleaf_Phoenix_AZ_Processing

License#: 0000053DCXB00858835
3333 S Central Ave
Phoenix, AZ 85040
602-525-7782

Additional Licenses:
Batch #: CAZ2108J-NL; External Lot #:
Sample Batch Collection: 10/13/21 13:06; Sample Batch Collected By: Curaleaf_Phoenix_A
Sample Received: 10/14/2021; Report Created: 11/5/2021

Northern Lights Select Elite Cartridge

Laboratory Number: 2110116-06
Concentrates

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



Residual Solvents (GCMS-MS) Analyzed: 10/19/21 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: 10/18/21 By: EGP

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	1.34	13.4	
delta 9-THC	2.00	83.29	833	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.48	4.84	
CBG-A	0.10	0.24	2.43	
CBD-A	0.10	0.14	1.45	
CBD	0.10	0.41	4.10	
CBD-V	0.10	ND	ND	
CBN	0.10	1.57	15.7	
CBG	0.10	1.83	18.3	
CBC	0.10	1.28	12.8	

Metals (ICP-MS) Analyzed: 10/22/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.103	ND	
Cadmium	0.103	ND	
Lead	0.103	0.120	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 10/20/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 10/24/2021 By: MEF

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

84.47 % 844.70 mg/g Total THC	0.54 % 5.37 mg/g Total CBD	90.60 % 906.00 mg/g Total Cannabinoids
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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: 10/20/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	0.992	ND	
Ochratoxins	1.98	ND	R1

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 10/20/21 By: JVR							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.198	ND		Acequinocyl	0.992	ND	V1
Acetamiprid	0.099	ND		Aldicarb	0.198	ND	
Azoxystrobin	0.099	ND		Bifenthrin	0.099	ND	V1
Boscalid	0.198	ND		Carbaryl	0.099	ND	
Carbofuran	0.099	ND		Chlorpyrifos	0.099	ND	V1
Diazinon	0.099	ND		Dimethoate	0.099	ND	
Ethoprophos	0.099	ND		Etofenprox	0.198	ND	V1
Etoxazole	0.099	ND		Fenoxycarb	0.099	ND	
Fenpyroximate E	0.198	ND		Fonicamid	0.496	ND	
Fludioxonil	0.198	ND	V1	Hexythiazox	0.496	ND	V1
Imazalil	0.099	ND	V1	Imidacloprid	0.198	ND	
Kresoxim-methyl	0.198	ND		Malathion	0.099	ND	
Metalaxyl	0.099	ND		Methiocarb	0.099	ND	
Methomyl	0.198	ND		Myclobutanil	0.099	ND	
Naled	0.248	ND		Oxamyl	0.496	ND	
Piperonyl butoxide	0.992	ND		Propiconazole	0.198	ND	V1
Propoxure	0.099	ND		Spiromesifen	0.099	ND	V1
Spirotetramat	0.099	ND		Spiroxamine	0.198	ND	
Tebuconazole	0.198	ND		Thiacloprid	0.099	ND	
Thiamethoxam	0.099	ND		Trifloxystrobin	0.099	ND	V1
Abamectin	0.248	ND		Bifenazate	0.099	ND	
Chlorantraniliprole	0.099	ND		Clofentezine	0.099	ND	
Cyfluthrin	0.992	ND	L1	Cypermethrin	0.496	ND	
Daminozide	0.496	ND		DDVP (Dichlorvos)	0.050	ND	
Fipronil	0.198	ND		Paclobutrazol	0.198	ND	
Permethrins	0.099	ND	V1	Phosmet	0.099	ND	
Prallethrin	0.099	ND	V1	Pyrethrins	0.496	ND	V1
Pyridaben	0.099	ND	V1	Spinosad	0.099	ND	V1
Chlorfenapyr	0.992	ND					

Herbicides (LC-MS TQ) Analyzed: 10/26/21 By: JVR			
Analyte	RL	ppm	Q
Pendimethalin	0.050	ND	

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Certificate of Analysis

00000003LCIN00627986

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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	

Terpenes (GCMS-MS) Analyzed: By:

Compound	mg/g	%	Q
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	

Water Activity (Moisture Reactor) Analyzed: By:

Compound	AW	Q
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

Compound	NA	Q
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.
- 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.
- 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.

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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