

Curaleaf_Phoenix_AZ_Processing

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

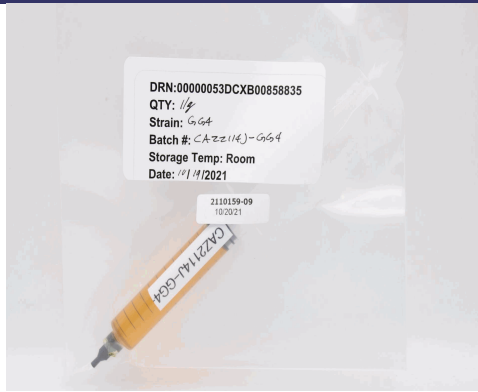
Additional Licenses:
Batch #: CAZ2114J-GG4; External Lot #:
Sample Batch Collection: 10/19/21 09:19; Sample Batch Collected By: Curaleaf_Phoenix_A
Sample Received: 10/20/2021; Report Created: 10/28/2021

GG4 Select Elite Cartridge

Laboratory Number: 2110159-09
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: 10/26/21 By: ZEN

Analyte	RL	ppm	Q
Propane	625.00	ND	V1
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: 10/26/21 By: HMH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	1.12	11.2	
delta 9-THC	2.04	84.81	848	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.51	5.11	
CBG-A	0.10	0.15	1.54	
CBD-A	0.10	ND	ND	
CBD	0.10	0.35	3.50	
CBD-V	0.10	ND	ND	
CBN	0.10	0.99	9.85	
CBG	0.10	2.94	29.4	
CBC	0.10	0.95	9.47	

Metals (ICP-MS) Analyzed: 10/25/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.100	ND	M1
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	M1

Regulated Microbials (Petrifilm) Analyzed: 10/25/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 10/25/2021 By: LEF

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

85.79 % 857.85 mg/g Total THC	0.35 % 3.50 mg/g Total CBD	91.80 % 918.00 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: 10/26/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	0.969	ND	
Ochratoxins	1.94	ND	

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 10/26/21 By: JVR							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.194	ND		Acequinocyl	0.969	ND	L1, V1
Acetamiprid	0.097	ND		Aldicarb	0.194	ND	
Azoxystrobin	0.097	ND		Bifenthrin	0.097	ND	V1
Boscalid	0.194	ND		Carbaryl	0.097	ND	
Carbofuran	0.097	ND	L1	Chlorpyrifos	0.097	ND	M2, V1
Diazinon	0.097	ND		Dimethoate	0.097	ND	
Ethoprophos	0.097	ND		Etofenprox	0.194	ND	L1, V1
Etoxazole	0.097	ND	V1	Fenoxycarb	0.097	ND	
Fenpyroximate E	0.194	ND		Fonicamid	0.485	ND	
Fludioxonil	0.194	ND	V1	Hexythiazox	0.485	ND	L1, V1
Imazalil	0.097	ND		Imidacloprid	0.194	ND	
Kresoxim-methyl	0.194	ND		Malathion	0.097	ND	
Metalaxyl	0.097	ND		Methiocarb	0.097	ND	
Methomyl	0.194	ND		Myclobutanil	0.097	ND	
Naled	0.242	ND		Oxamyl	0.485	ND	
Piperonyl butoxide	0.969	ND		Propiconazole	0.194	ND	V1
Propoxure	0.097	ND		Spiromesifen	0.097	ND	V1
Spirotetramat	0.097	ND		Spiroxamine	0.194	ND	
Tebuconazole	0.194	ND		Thiacloprid	0.097	ND	
Thiamethoxam	0.097	ND		Trifloxystrobin	0.097	ND	V1
Abamectin	0.242	ND		Bifenazate	0.097	ND	V1
Chlorantraniliprole	0.097	ND		Clofentezine	0.097	ND	V1
Cyfluthrin	0.969	ND		Cypermethrin	0.485	ND	
Daminozide	0.485	ND		DDVP (Dichlorvos)	0.048	ND	
Fipronil	0.194	ND	M1	Paclobutrazol	0.194	ND	
Permethrins	0.097	ND	L1, V1	Phosmet	0.097	ND	
Prallethrin	0.097	ND	V1	Pyrethrins	0.485	ND	V1
Pyridaben	0.097	ND	L1, V1	Spinosad	0.097	ND	
Chlorfenapyr	0.969	ND					

Herbicides (LC-MS TQ) Analyzed: 10/26/21 By: JVR			
Analyte	RL	ppm	Q
Pendimethalin	0.048	ND	

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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:

	mg/g	%	Q
Compound			
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:

	AW	Q
Compound		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
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.
- N1 Terpenes not regulated as per ADHS.
- 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.
- M2 Matrix spike recovery is low, 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.

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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