

## Curaleaf\_Phoenix\_AZ\_Processing

License#: 0000053DCXB00858835

3333 S Central Ave

Phoenix, AZ 85040

602-525-7782

Additional Licenses:

Batch #: CAZ2117K-GDP; External Lot #:

Sample Batch Collection: 11/22/21 09:43; Sample Batch Collected By: Curaleaf\_Phoenix\_AZ

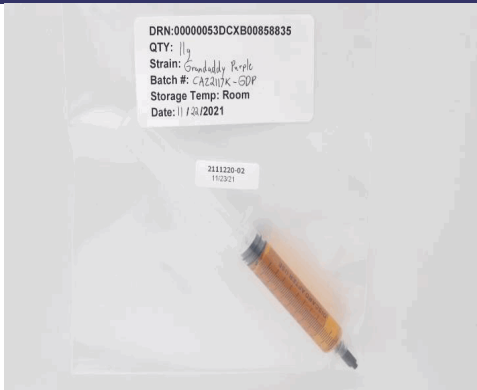
Sample Received: 11/23/2021; Report Created: 12/16/2021

Granddaddy Purple Select Elite Cartridge

Laboratory Number: 2111220-02  
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: 11/30/21 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: 12/04/21 By: HMH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	1.24	12.4	
delta 9-THC	1.93	81.46	815	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.55	5.46	
CBG-A	0.10	0.18	1.76	
CBD-A	0.10	ND	ND	
CBD	0.10	0.44	4.38	
CBD-V	0.10	ND	ND	
CBN	0.10	1.06	10.6	
CBG	0.10	3.24	32.4	
CBC	0.10	1.09	10.9	

Metals (ICP-MS) Analyzed: 12/09/21 By: Lilo

Element	RL	ppm	Q
Arsenic	0.096	ND	
Cadmium	0.096	ND	
Lead	0.096	ND	
Mercury	0.010	ND	M1

Regulated Microbials (Petrifilm) Analyzed: 12/6/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 12/2/2021 By: MEF

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	per gram	
Salmonella	1.00	Absent	per gram	

82.59 % 825.90 mg/g <b>Total THC</b>	0.44 % 4.38 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: 12/02/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	1.08	ND	
Ochratoxins	2.15	ND	R1

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



Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 12/02/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.215	ND		Acequinocyl	1.08	ND	
Acetamiprid	0.108	ND		Aldicarb	0.215	ND	
Azoxystrobin	0.108	ND		Bifenthrin	0.108	ND	
Boscalid	0.215	ND		Carbaryl	0.108	ND	L1
Carbofuran	0.108	ND		Chlorpyrifos	0.108	ND	
Diazinon	0.108	ND		Dimethoate	0.108	ND	
Ethoprophos	0.108	ND		Etofenprox	0.215	ND	
Etoxazole	0.108	ND		Fenoxycarb	0.108	ND	
Fenpyroximate E	0.215	ND		Fonicamid	0.539	ND	
Fludioxonil	0.215	ND		Hexythiazox	0.539	ND	
Imazalil	0.108	ND	V1	Imidacloprid	0.215	ND	
Kresoxim-methyl	0.215	ND		Malathion	0.108	ND	
Metalaxyl	0.108	ND		Methiocarb	0.108	ND	
Methomyl	0.215	ND		Myclobutanil	0.108	ND	
Naled	0.269	ND	L1, V1	Oxamyl	0.539	ND	
Piperonyl butoxide	1.08	ND		Propiconazole	0.215	ND	V1
Propoxure	0.108	ND		Spiromesifen	0.108	ND	
Spirotetramat	0.108	ND	M1	Spiroxamine	0.215	ND	
Tebuconazole	0.215	ND		Thiacloprid	0.108	ND	
Thiamethoxam	0.108	ND		Trifloxystrobin	0.108	ND	
Abamectin	0.269	ND	V1	Bifenazate	0.108	ND	L1, V1
Chlorantraniliprole	0.108	ND		Clofentezine	0.108	ND	
Cyfluthrin	1.08	ND	L1, V1	Cypermethrin	0.539	ND	
Daminozide	0.539	ND	L1, V1	DDVP (Dichlorvos)	0.054	ND	
Fipronil	0.215	ND	M1	Paclobutrazol	0.215	ND	
Permethrins	0.108	ND	L1, R1, V1	Phosmet	0.108	ND	
Prallethrin	0.108	ND		Pyrethrins	0.539	ND	L1, V1
Pyridaben	0.108	ND		Spinosad	0.108	ND	V1
Chlorfenapyr	1.08	ND					

Herbicides (LC-MS TQ) Analyzed: 12/16/21 By: LEH			
Analyte	RL	ppm	Q
Pendimethalin	0.054	ND	L1, V1

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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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# Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

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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.
- M1 Matrix spike recovery is high, 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.

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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