

Curaleaf / Cura AZ

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

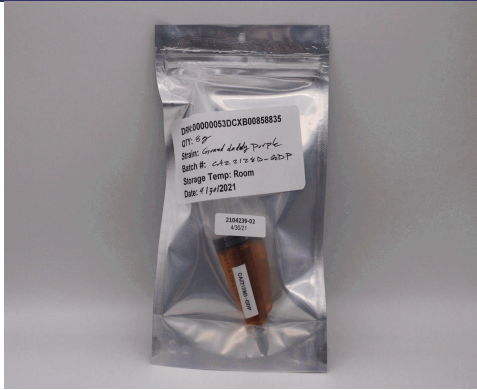
Additional Licenses:
Batch #: CAZ2128D-GDP
Sample Batch Collection: 04/30/21 10:04; Sample Batch Collected By: Curaleaf / Cura AZ
Sample Received: 4/30/2021; Report Created: 5/21/2021

Granddaddy Purple Select Elite Cartridge

Laboratory Number: 2104239-02
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: 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	0.09	1.54	15.4	
delta 9-THC	1.84	79.77	798	D1
delta 8-THC	0.09	ND	ND	
THC-V	0.09	0.68	6.76	
CBG-A	0.09	0.20	2.05	
CBD-A	0.09	ND	ND	
CBD	0.09	0.43	4.26	
CBD-V	0.09	ND	ND	
CBN	0.09	0.71	7.08	
CBG	0.09	2.84	28.4	
CBC	0.09	0.39	3.91	

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	

81.15 % 811.50 mg/g Total THC	0.43 % 4.26 mg/g Total CBD	86.50 % 865.00 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: 05/05/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	1.01	ND	M2
Ochratoxins	2.03	ND	R1

RL = Reporting Limit
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LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner

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Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 05/05/21 By: KSG							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.101	ND		Acequinocyl	0.507	ND	
Acetamiprid	0.051	ND		Aldicarb	0.101	ND	
Azoxystrobin	0.051	ND		Bifenthrin	0.051	ND	
Boscalid	0.101	ND	M2, R1	Carbaryl	0.051	ND	
Carbofuran	0.051	ND		Chlorpyrifos	0.051	ND	M2
Diazinon	0.051	ND		Dimethoate	0.051	ND	
Ethoprophos	0.051	ND		Etofenprox	0.101	ND	
Etoxazole	0.051	ND		Fenoxycarb	0.051	ND	M2
Fenpyroximate E	0.101	ND	M2	Fonicamid	0.254	ND	
Fludioxonil	0.101	ND		Hexythiazox	0.254	ND	
Imazalil	0.051	ND		Imidacloprid	0.101	ND	
Kresoxim-methyl	0.101	ND		Malathion	0.051	ND	
Metalaxyl	0.051	ND		Methiocarb	0.051	ND	M2
Methomyl	0.101	ND		Myclobutanil	0.051	ND	M2
Naled	0.127	ND		Oxamyl	0.254	ND	
Piperonyl butoxide	0.507	ND		Propiconazole	0.101	ND	M2
Propoxure	0.051	ND		Spiromesifen	0.051	ND	M2
Spirotetramat	0.051	ND	M2	Spiroxamine	0.101	ND	
Tebuconazole	0.101	ND	M2	Thiacloprid	0.051	ND	
Thiamethoxam	0.051	ND		Trifloxystrobin	0.051	ND	
Abamectin	0.127	ND	Q3 M2	Bifenazate	0.051	ND	Q3
Chlorantraniliprole	0.051	ND	Q3	Clofentezine	0.051	ND	Q3 M2
Cyfluthrin	0.254	ND	Q3 M2	Cypermethrin	0.254	ND	Q3 M2
Daminozide	0.254	ND	Q3	DDVP (Dichlorvos)	0.005	ND	Q3 M2
Fipronil	0.101	ND	Q3	Paclobutrazol	0.101	ND	Q3
Permethrins	0.051	ND	Q3 M2	Phosmet	0.051	ND	Q3
Prallethrin	0.051	ND	Q3 V1	Pyrethrins	0.254	ND	Q3 M2
Pyridaben	0.051	ND	Q3	Spinosad	0.051	ND	Q3 M2
Chlorfenapyr	0.101	ND	Q3				

Herbicides (LC-MS TQ) Analyzed: 05/05/21 By: KSG			
Analyte	RL	ppm	Q
Pendimethalin	0.020	ND	L1

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
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
Compound			
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
Total Terpenes	NT	NT	Q3

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
Compound		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
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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