

Curaleaf / Cura AZ

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

Additional Licenses:
Batch #: CAZ2112E-GDP
Sample Batch Collection: 05/14/21 15:24; Sample Batch Collected By: Curaleaf / Cura AZ
Sample Received: 5/14/2021; Report Created: 6/4/2021

Granddaddy Purple Select Elite Cart

Laboratory Number: 2105115-14
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: 05/28/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	L1, V1
Butanes	625.00	ND	L1, N1, V1
Pentanes	145.00	ND	L1, N1, V1
Acetonitrile	205.00	ND	L1, N1, V1
Dichloromethane	300.00	ND	L1, N1, V1
Hexanes	145.00	ND	L1, N1, V1
Chloroform	30.00	ND	L1, V1
n-Heptane	2500.0	ND	L1, N1, V1
Methanol	1500.0	ND	L1, N1, V1
Ethanol	2500.0	ND	L1, N1, V1
Diethyl Ether	2500.0	ND	L1, N1, V1
Acetone	500.00	ND	L1, N1, V1
Isopropanol	2500.0	ND	L1, N1, V1
Ethyl acetate	2500.0	ND	L1, N1, V1
Isopropyl acetate	2500.0	ND	L1, N1, V1
Benzene	1.00	ND	N1, L1
Toluene	445.00	ND	L1, N1
Xylenes	100.00	ND	L1, V1

Cannabinoid (HPLC) Analyzed: 05/19/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	1.82	18.2	
delta 9-THC	2.00	71.22	712	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.62	6.19	
CBG-A	0.10	0.29	2.92	
CBD-A	0.10	ND	ND	
CBD	0.10	0.51	5.15	
CBD-V	0.10	ND	ND	
CBN	0.10	0.37	3.69	
CBG	0.10	3.91	39.1	
CBC	0.10	0.25	2.52	

Metals (ICP-MS) Analyzed: 05/20/21 By: JVR

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

Regulated Microbials (Petrifilm) Analyzed: 5/20/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 5/22/2021 By: KRB

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

72.79 % 727.90 mg/g Total THC	0.52 % 5.15 mg/g Total CBD	79.00 % 790.00 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: 05/19/21 By: MLC

Pathogens	RL	ppb	Q
Aflatoxins	1.06	ND	M2
Ochratoxins	2.13	ND	

RL = Reporting Limit
NA = Not Applicable
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ND = Non Detected
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: 05/19/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.106	ND		Acequinocyl	0.532	ND	
Acetamiprid	0.053	ND		Aldicarb	0.106	ND	
Azoxystrobin	0.053	ND	M1	Bifenthrin	0.053	ND	
Boscalid	0.106	ND		Carbaryl	0.053	ND	
Carbofuran	0.053	ND		Chlorpyrifos	0.053	ND	
Diazinon	0.053	ND		Dimethoate	0.053	ND	
Ethoprophos	0.053	ND		Etofenprox	0.106	ND	
Etoxazole	0.053	ND		Fenoxycarb	0.053	ND	
Fenpyroximate E	0.106	ND		Fonicamid	0.266	ND	
Fludioxonil	0.106	ND		Hexythiazox	0.266	ND	
Imazalil	0.053	ND		Imidacloprid	0.106	ND	
Kresoxim-methyl	0.106	ND		Malathion	0.053	ND	
Metalaxyl	0.053	ND	L1	Methiocarb	0.053	ND	
Methomyl	0.106	ND		Myclobutanil	0.053	ND	
Naled	0.133	ND		Oxamyl	0.266	ND	
Piperonyl butoxide	0.532	ND		Propiconazole	0.106	ND	
Propoxure	0.053	ND		Spiromesifen	0.053	ND	
Spirotetramat	0.053	ND		Spiroxamine	0.106	ND	L1
Tebuconazole	0.106	ND		Thiacloprid	0.053	ND	
Thiamethoxam	0.053	ND		Trifloxystrobin	0.053	ND	R1
Abamectin	0.133	ND		Bifenazate	0.053	ND	
Chlorantraniliprole	0.053	ND		Clofentezine	0.053	ND	
Cyfluthrin	0.266	ND		Cypermethrin	0.266	ND	
Daminozide	0.266	ND	R1	DDVP (Dichlorvos)	0.005	ND	M2
Fipronil	0.106	ND		Paclobutrazol	0.106	ND	
Permethrins	0.053	ND		Phosmet	0.053	ND	
Prallethrin	0.053	ND		Pyrethrins	0.266	ND	
Pyridaben	0.053	ND		Spinosad	0.053	ND	
Chlorfenapyr	0.106	ND	M2	Chlorfenapyr	0.106	ND	M2

Herbicides (LC-MS TQ) Analyzed: 05/22/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.021	ND	

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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.
- 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.
- N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
- 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.

N1: Matrix Spike recovery above acceptance criteria for all analytes except propane and xylenes. Relative percent difference above acceptance criteria for acetonitrile, n-heptane, diethyl ether, isopropyl acetate.

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