

## Curaleaf / Cura AZ

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

Additional Licenses:  
Batch #: CAZ2105D-DOS  
Sample Batch Collection: 04/06/21 09:42; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 4/6/2021; Report Created: 4/23/2021

Do-Si-Dos Select Cartridge

Laboratory Number: 2104047-03

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: 04/16/21 By: LEH

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	L1, V1
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	L1, N1
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	L1, N1, V1

Cannabinoid (HPLC) Analyzed: 04/13/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	1.76	17.6	
delta 9-THC	1.95	87.83	878	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.50	5.02	
CBG-A	0.10	0.19	1.86	
CBD-A	0.10	0.15	1.48	
CBD	0.10	0.44	4.43	
CBD-V	0.10	ND	ND	Q3
CBN	0.10	0.74	7.44	Q3
CBG	0.10	3.57	35.7	Q3
CBC	0.10	0.90	8.99	

Metals (ICP-MS) Analyzed: 04/14/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	ND	D1, M1
Cadmium	0.050	ND	
Lead	0.050	ND	
Mercury	0.005	ND	

Regulated Microbials (Petrifilm) Analyzed: 4/10/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 4/12/2021 By: LEF

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

89.34 % 893.40 mg/g <b>Total THC</b>	0.57 % 5.73 mg/g <b>Total CBD</b>	96.10 % 961.00 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: 04/14/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	1.09	ND	Q3
Ochratoxins	2.18	ND	Q3

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Tabitha Hauer  
Owner

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# Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 04/17/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.109	ND	M2	Acequinocyl	0.546	ND	
Acetamiprid	0.055	ND		Aldicarb	0.109	ND	
Azoxystrobin	0.055	ND		Bifenthrin	0.055	ND	
Boscalid	0.109	ND	M2	Carbaryl	0.055	ND	
Carbofuran	0.055	ND	V1	Chlorpyrifos	0.055	ND	M2
Diazinon	0.055	ND		Dimethoate	0.055	ND	
Ethoprophos	0.055	ND		Etofenprox	0.109	ND	
Etoxazole	0.055	ND		Fenoxycarb	0.055	ND	L1, N1
Fenpyroximate E	0.109	ND		Flonicamid	0.273	ND	
Fludioxonil	0.109	ND		Hexythiazox	0.273	ND	
Imazalil	0.055	ND		Imidacloprid	0.109	ND	
Kresoxim-methyl	0.109	ND		Malathion	0.055	ND	
Metalaxyl	0.055	ND	V1	Methiocarb	0.055	ND	M2
Methomyl	0.109	ND	M2	Myclobutanil	0.055	ND	
Naled	0.137	ND		Oxamyl	0.273	ND	M2
Piperonyl butoxide	0.546	ND		Propiconazole	0.109	ND	M2
Propoxure	0.055	ND	M2	Spiromesifen	0.055	ND	
Spirotetramat	0.055	ND		Spiroxamine	0.109	ND	V1
Tebuconazole	0.109	ND	V1	Thiacloprid	0.055	ND	
Thiamethoxam	0.055	ND	V1	Trifloxystrobin	0.055	ND	

Herbicides (LC-MS TQ) Analyzed: 04/17/21 By: KSG			
Analyte	RL	ppm	Q
Pendimethalin	0.020	ND	Q3

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*Tabitha A. Hauer*  
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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Yeast	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
<b>Compound</b>			
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
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
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.
- 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.

MS did not meet acceptance criteria (isopropyl acetate, xylenes)  
N1-Fenoxycarb MS did not meet acceptance criteria.

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