

## Curaleaf / Cura AZ

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

Additional Licenses:  
Batch #: CAZ2111E-NL

Sample Batch Collection: 05/11/21 13:30; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 5/11/2021; Report Created: 6/1/2021

Northern Lights Select Elite Cartridge

Laboratory Number: 2105082-14  
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: 05/15/21 By: CBH

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	M1
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 05/13/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	2.02	20.2	
delta 9-THC	1.98	91.85	918	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.55	5.53	
CBG-A	0.10	0.27	2.75	
CBD-A	0.10	0.10	1.03	
CBD	0.10	0.34	3.35	
CBD-V	0.10	ND	ND	
CBN	0.10	0.58	5.79	
CBG	0.10	2.63	26.3	
CBC	0.10	0.50	4.98	

Metals (ICP-MS) Analyzed: 05/14/21 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: 5/15/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 5/15/2021 By: LEF

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

93.57 % 935.70 mg/g <b>Total THC</b>	0.43 % 4.26 mg/g <b>Total CBD</b>	98.80 % 988.00 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: 05/15/21 By: MLC

Pathogens	RL	ppb	Q
Aflatoxins	0.974	ND	M2, V1
Ochratoxins	1.95	ND	V1

RL = Reporting Limit  
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*Tabitha A. Hauer*  
Tabitha Hauer  
Owner

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.



# Certificate of Analysis

00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 05/14/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.097	ND	M2	Acequinocyl	0.487	ND	
Acetamiprid	0.049	ND		Aldicarb	0.097	ND	M2
Azoxystrobin	NT	NT		Bifenthrin	0.049	ND	
Boscalid	0.097	ND		Carbaryl	0.049	ND	
Carbofuran	0.049	ND		Chlorpyrifos	0.049	ND	
Diazinon	0.049	ND		Dimethoate	0.049	ND	
Ethoprophos	0.049	ND		Etofenprox	0.097	ND	
Etoxazole	0.049	ND		Fenoxycarb	0.049	ND	
Fenpyroximate E	0.097	ND		Fonicamid	NT	NT	
Fludioxonil	0.097	ND		Hexythiazox	0.243	ND	
Imazalil	0.049	ND		Imidacloprid	0.097	ND	
Kresoxim-methyl	0.097	ND		Malathion	0.049	ND	
Metalaxyl	0.049	ND		Methiocarb	0.049	ND	
Methomyl	0.097	ND		Myclobutanil	0.049	ND	
Naled	0.122	ND		Oxamyl	NT	NT	
Piperonyl butoxide	0.487	ND		Propiconazole	0.097	ND	
Propoxure	0.049	ND		Spiromesifen	0.049	ND	
Spirotetramat	NT	NT		Spiroxamine	0.097	ND	
Tebuconazole	0.097	ND		Thiacloprid	0.049	ND	
Thiamethoxam	0.049	ND		Trifloxystrobin	0.049	ND	
Abamectin	0.122	ND	Q3 M2	Bifenazate	NT	NT	Q3
Chlorantraniliprole	0.049	ND	Q3 M2, R1	Clofentezine	0.049	ND	Q3 M2
Cyfluthrin	0.243	ND	Q3 M2	Cypermethrin	0.243	ND	Q3 M2
Daminozide	0.243	ND	Q3	DDVP (Dichlorvos)	0.005	ND	Q3 M2
Fipronil	0.097	ND	Q3 M2	Paclobutrazol	0.097	ND	Q3 M2
Permethrins	0.049	ND	Q3 M2	Phosmet	0.049	ND	Q3
Prallethrin	0.049	ND	Q3 V1	Pyrethrins	0.243	ND	Q3 M2
Pyridaben	0.049	ND	Q3	Spinosad	0.049	ND	Q3
Chlorfenapyr	0.097	ND	Q3 M2, R1				

Herbicides (LC-MS TQ) Analyzed: 05/17/21 By: MLC			
Analyte	RL	ppm	Q
Pendimethalin	0.019	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
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
<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.
- 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.
- 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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