



3520 N 7th St.
Phoenix, AZ 85014
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837

License #: 0000031LRCHX78341676

Curaleaf_AZ - Latham

License #: 0000042DCSI00109560
3333 S Central Ave
Phoenix, AZ 85040
1(602) 573-9166

Amended

Additional Licenses:
Batch #: KhalifahKush NLI R9 23H5-L; External Lot #: 148539
Source Batch #:
Sample Batch Collection: 12/15/23 13:43
Sample Received: 12/15/2023; Report Created: 1/16/2024

KhalifahKush NLI R9 23H5-L

Laboratory Number: 2312043-01

KhalifaKush

Matrix: Flower

Metals PASS	Pesticides PASS	Residual Solvents Not Tested	E. coli PASS	Mycotoxins Not Tested	Aspergillus PASS	Salmonella PASS
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Sample Image



Residual Solvents (GC-MS) Analyzed: By:

SOP: 004	RL	ppm	Q
Propane	NT	NT	
Butanes	NT	NT	
Pentanes	NT	NT	
Acetonitrile	NT	NT	
Dichloromethane	NT	NT	
Hexanes	NT	NT	
Chloroform	NT	NT	
n-Heptane	NT	NT	
Methanol	NT	NT	
Ethanol	NT	NT	
Diethyl Ether	NT	NT	
Acetone	NT	NT	
Isopropanol	NT	NT	
Ethyl acetate	NT	NT	
Isopropyl acetate	NT	NT	
Benzene	NT	NT	
Toluene	NT	NT	
Xylenes	NT	NT	

Cannabinoid (HPLC-DAD) Analyzed: 12/20/23 By: MLC

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.47	24.92	249.2	D1
delta 9-THC	0.05	0.36	3.6	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.62	6.2	
CBD-A	0.05	0.06	0.6	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.09	0.9	
CBC	0.05	ND	ND	
delta 8 THC-V	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 12/21/23 By: VAM

SOP: 035	RL	ppm	Q
Arsenic	0.098	ND	
Cadmium	0.098	ND	
Lead	0.245	ND	V1
Mercury	0.010	ND	

Microbials (Petrifilm) Analyzed: 12/21/2023 By: TAM

SOP : 023	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Microbials (PCR) Analyzed: 12/21/2023 By: TAM

SOP: 024	RL	Result	Units	Q
Aspergillus flavus	1.00	Not Detected	per gram	
Aspergillus fumigatus	1.00	Not Detected	per gram	
Aspergillus terreus	1.00	Not Detected	per gram	
Aspergillus niger	1.00	Not Detected	per gram	

Microbials (PCR) Analyzed: 12/21/2023 By: TAM

SOP: 028	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	

Total THC 22.22 % 222.15 mg/g	Total CBD 0.06 % 0.56 mg/g	Total Cannabinoids ^{Q3} 26.05 % 260.50 mg/g
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDA * 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: By:

SOP: 011	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

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Erin Polly
Technical Laboratory Director



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Pesticides (LC-MS/MS) Analyzed: 12/20/23 By: EGP							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.216	ND		Acequinocyl	NT	NT	
Acetamiprid	0.108	ND		Aldicarb	0.216	ND	
Azoxystrobin	0.108	ND		Bifenthrin	0.108	ND	
Boscalid	0.216	ND		Carbaryl	0.108	ND	
Carbofuran	0.108	ND		Chlorpyrifos	0.108	ND	
Diazinon	0.108	ND	M2	Dimethoate	0.108	ND	
Ethoprophos	0.108	ND		Etofenprox	0.216	ND	
Etoxazole	0.108	ND		Fenoxycarb	0.108	ND	
Fenpyroximate E	0.216	ND		Fonicamid	0.539	ND	
Fludioxonil	0.216	ND		Hexythiazox	0.539	ND	M2
Imazalil	0.108	ND		Imidacloprid	0.216	ND	
Kresoxim-methyl	0.216	ND		Malathion	0.108	ND	
Metalaxyl	0.108	ND		Methiocarb	0.108	ND	
Methomyl	0.216	ND		Myclobutanil	0.108	ND	R1
Naled	0.270	ND		Oxamyl	0.539	ND	
Piperonyl butoxide	1.08	ND		Propiconazole	0.216	ND	
Propoxure	0.108	ND		Spiromesifen	0.108	ND	
Spirotetramat	0.108	ND	M2, R1	Spiroxamine	0.216	ND	
Tebuconazole	0.216	ND	M2	Thiacloprid	0.108	ND	
Thiamethoxam	0.108	ND		Trifloxystrobin	0.108	ND	
Abamectin	0.270	ND		Bifenazate	0.108	ND	
Chlorantraniliprole	0.108	ND		Clofentezine	0.108	ND	M2
Cyfluthrin	1.08	ND		Cypermethrin	0.539	ND	
Daminozide	0.539	ND	L1	DDVP (Dichlorvos)	0.054	ND	
Fipronil	0.216	ND		Paclobutrazol	0.216	ND	M2
Permethrins	0.108	ND	M2	Phosmet	0.108	ND	
Prallethrin	0.108	ND		Pyrethrins	0.539	ND	
Pyridaben	0.108	ND	M2	Spinosad	0.108	ND	M2
Chlorfenapyr	1.08	ND					

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Microbials (Petrifilm) Analyzed: By:				
SOP: 006	RL	Result	Units	Q
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

Terpenes (GC-MS) Analyzed: 12/20/23 By: ZEN			
SOP: 005	%	mg/g	Q
alpha-Bisabolol	0.04	0.4	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.29	2.9	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	ND	ND	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	0.05	0.5	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaial	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.13	1.3	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.50	5	Q3
Linalool	0.17	1.7	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.75	7.5	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.04	0.4	Q3
beta-Pinene	0.07	0.7	Q3
Pulegone	ND	ND	Q3
Sabinene	ND	ND	Q3
Sabinene Hydrate	ND	ND	Q3
gamma-Terpinene	ND	ND	Q3
alpha-Terpinene	ND	ND	Q3
3-Carene	ND	ND	Q3
Terpineol	0.07	0.7	Q3
Terpinolene	ND	ND	Q3
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	ND	ND	Q3
Total Terpenes	2.13	21.30	Q3

Water Activity (Water Activity Meter) Analyzed: By:			
SOP: 007	AW, 25 °C		Q
Water Activity	NT		Q3

Moisture (Moisture Analyzer) Analyzed: By:			
SOP: 008	%		Q
Percent Moisture	NT		Q3

pH Test (pH Meter) Analyzed: By:			
SOP: 022	NA		Q
pH	NT		Q3

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QUALIFIER DEFINITIONS

- 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) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

CASE NARRATIVE

Amended - Sample name and batch number updated. 1/16/24

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