



51 W. Weldon Ave
Phoenix, AZ
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837
License #: 00000003LCIN00627986

K.I.N.D. Concentrates

License #: 00000086DCKR00375578
1225 S 48th Street
Tempe, AZ 85281
14802312346

Additional Licenses:
Batch #: 230420-018; External Lot #:
Source Batch #:
Sample Batch Collection: 04/20/23 13:00
Sample Received: 4/21/2023; Report Created: 4/28/2023

K.I.N.D. Resin Cartridge - Jack Herer (S)

Jack Herer

Laboratory Number: 2304063-22

Matrix: Concentrates

Metals PASS	Pesticides PASS	Residual Solvents PASS	E. coli PASS	Mycotoxins PASS	Aspergillus PASS	Salmonella PASS
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Sample Image



Residual Solvents (GC-MS) Analyzed: 04/25/23 By: ZEN

SOP: 004	RL	ppm	Q
Propane	612.75	ND	
Butanes	612.75	ND	
Pentanes	142.16	ND	
Acetonitrile	200.98	ND	
Dichloromethane	294.12	ND	
Hexanes	142.16	ND	
Chloroform	29.41	ND	
n-Heptane	2451.0	ND	
Methanol	1470.6	ND	
Ethanol	2451.0	ND	
Diethyl Ether	2451.0	ND	
Acetone	490.20	ND	
Isopropanol	2451.0	ND	
Ethyl acetate	2451.0	ND	
Isopropyl acetate	2451.0	ND	
Benzene	0.98	ND	
Toluene	436.27	ND	
Xylenes	98.04	ND	

Cannabinoid (HPLC-DAD) Analyzed: 04/26/23 By: EGP

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.05	ND	ND	
delta 9-THC	1.44	75.80	758	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.50	5.0	
CBG-A	0.05	ND	ND	
CBD-A	0.05	ND	ND	
CBD	0.05	0.35	3.5	
CBD-V	0.05	ND	ND	
CBN	0.05	0.81	8.1	
CBG	0.05	1.75	18	
CBC	0.05	0.60	6.0	

Metals (ICP-MS) Analyzed: 04/26/23 By: MLC

SOP: 035	RL	ppm	Q
Arsenic	0.099	ND	
Cadmium	0.099	ND	
Lead	0.247	ND	
Mercury	0.099	ND	

Microbials (Petrifilm) Analyzed: 4/26/2023 By: ATF

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

Microbials (PCR) Analyzed: 4/28/2023 By: SPS

SOP: 015	RL	Result	Units	Q
Aspergillus	1.00	Not Detected	per gram	

Microbials (PCR) Analyzed: 4/27/2023 By: ATF

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

75.80 % 758.00 mg/g Total THC	0.35 % 3.50 mg/g Total CBD	79.81 % 798.60 mg/g Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: 04/27/23 By: KSG

SOP: 011	RL	ppb	Q
Aflatoxins	10.6	ND	
Ochratoxins	10.6	ND	

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director



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Jack Herer

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Pesticides (LC-MS/MS) Analyzed: 04/26/23 By: KSG							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.213	ND		Acequinocyl	1.06	ND	R1, V1
Acetamiprid	0.106	ND		Aldicarb	0.213	ND	
Azoxystrobin	0.106	ND		Bifenthrin	0.106	ND	
Boscalid	0.213	ND		Carbaryl	0.106	ND	
Carbofuran	0.106	ND		Chlorpyrifos	0.106	ND	
Diazinon	0.106	ND		Dimethoate	0.106	ND	
Ethoprophos	0.106	ND		Etofenprox	0.213	ND	
Etoxazole	0.106	ND		Fenoxycarb	0.106	ND	
Fenpyroximate E	0.213	ND		Fonicamid	0.532	ND	
Fludioxonil	0.213	ND		Hexythiazox	0.532	ND	
Imazalil	0.106	ND		Imidacloprid	0.213	ND	
Kresoxim-methyl	0.213	ND		Malathion	0.106	ND	
Metalaxyl	0.106	ND		Methiocarb	0.106	ND	
Methomyl	0.213	ND		Myclobutanil	0.106	ND	
Naled	0.266	ND		Oxamyl	0.532	ND	
Piperonyl butoxide	1.06	ND		Propiconazole	0.213	ND	
Propoxure	0.106	ND	V1	Spiromesifen	0.106	ND	
Spirotetramat	0.106	ND		Spiroxamine	0.213	ND	
Tebuconazole	0.213	ND		Thiacloprid	0.106	ND	
Thiamethoxam	0.106	ND		Trifloxystrobin	0.106	ND	
Abamectin	0.266	ND		Bifenazate	0.106	ND	L1
Chlorantraniliprole	0.106	ND		Clofentezine	0.106	ND	
Cyfluthrin	1.06	ND		Cypermethrin	0.532	ND	
Daminozide	0.532	ND		DDVP (Dichlorvos)	0.053	ND	
Fipronil	0.213	ND		Paclobutrazol	0.213	ND	
Permethrins	0.106	ND		Phosmet	0.106	ND	
Prallethrin	0.106	ND		Pyrethrins	0.532	ND	
Pyridaben	0.106	ND		Spinosad	0.106	ND	
Chlorfenapyr	1.06	ND					

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Jack Herer

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Microbials (Petrifilm) Analyzed: By:				
SOP: 006	RL	Result	Units	Q
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	

Terpenes (GC-MS) Analyzed: By:			
SOP: 005	mg/g	%	Q
alpha-Bisabolol	NT	NT	
(-)-Borneol and (+)-Borneol	NT	NT	
Camphene	NT	NT	
Camphor	NT	NT	
beta-Caryophyllene	NT	NT	
trans-Caryophyllene	NT	NT	
Caryophyllene Oxide	NT	NT	
alpha-Cedrene	NT	NT	
Cedrol	NT	NT	
Endo-fenchyl Alcohol	NT	NT	
Eucalyptol	NT	NT	
Fenchone	NT	NT	
Geraniol	NT	NT	
Geranyl acetate	NT	NT	
Guaiol	NT	NT	
Hexahydrothymol	NT	NT	
alpha-Humulene	NT	NT	
Isoborneol	NT	NT	
Isopulegol	NT	NT	
Limonene	NT	NT	
Linalool	NT	NT	
p-Mentha-1,5-diene	NT	NT	
beta-Myrcene	NT	NT	
trans-Nerolidol	NT	NT	
Ocimene	NT	NT	
alpha-Pinene	NT	NT	
beta-Pinene	NT	NT	
Pulegone	NT	NT	
Sabinene	NT	NT	
Sabinene Hydrate	NT	NT	
gamma-Terpinene	NT	NT	
alpha-Terpinene	NT	NT	
3-Carene	NT	NT	
Terpineol	NT	NT	
Terpinolene	NT	NT	
Valencene	NT	NT	
Nerol	NT	NT	
cis-Nerolidol	NT	NT	
Total Terpenes	NT	NT	

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

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

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

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QUALIFIER DEFINITIONS

- 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.
- 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

N1 - The recovery from initial calibration verification standard exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample (Daminozide)

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