

## K.I.N.D. Concentrates

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

Additional Licenses:  
Batch #: 221103-022; External Lot #:  
Sample Batch Collection: 11/03/22 10:30; Sample Batch Collected By:  
Sample Received: 11/4/2022; Report Created: 11/11/2022

### K.I.N.D. Resin Cartridge - Northern Lights (I)

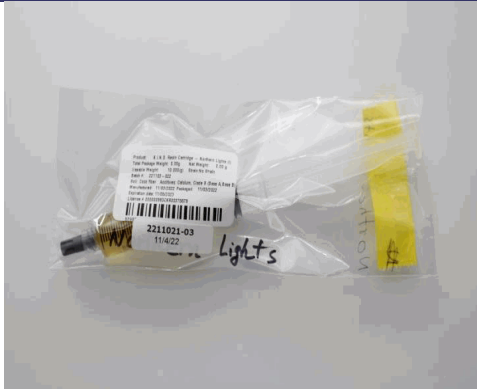
Northern Lights

Laboratory Number: 2211021-03

Concentrates

<b>Herbicides</b> Not Tested	<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: 11/09/22 By: SPS

Analyte	RL	ppm	Q
Propane	622.51	ND	
Butanes	622.51	ND	
Pentanes	144.42	ND	
Acetonitrile	204.18	ND	
Dichloromethane	298.80	ND	
Hexanes	144.42	ND	
Chloroform	29.88	ND	
n-Heptane	2490.0	ND	
Methanol	1494.0	ND	
Ethanol	2490.0	ND	
Diethyl Ether	2490.0	ND	
Acetone	498.01	ND	
Isopropanol	2490.0	ND	
Ethyl acetate	2490.0	ND	
Isopropyl acetate	2490.0	ND	
Benzene	1.00	ND	
Toluene	443.23	ND	
Xylenes	99.60	ND	

Cannabinoid (HPLC) Analyzed: 11/09/22 By: ZEN

Analyte	LOQ %	%	mg/g	Q
THC-A	0.05	ND	ND	
delta 9-THC	1.49	84.70	847	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.69	6.9	
CBG-A	0.05	ND	ND	
CBD-A	0.05	ND	ND	
CBD	0.05	0.33	3.3	
CBD-V	0.05	ND	ND	
CBN	0.05	0.74	7.4	
CBG	0.05	1.76	18	
CBC	0.05	0.32	3.2	

Metals (ICP-MS) Analyzed: 11/10/22 By: KSG

Element	RL	ppm	Q
Arsenic	0.103	ND	
Cadmium	0.103	ND	
Lead	0.259	ND	
Mercury	0.103	ND	

Regulated Microbials (Petrifilm) Analyzed: 11/7/2022 By: OMS

Pathogens	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Regulated Microbials (PCR) Analyzed: 11/8/2022 By: TCJ

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	

Regulated Microbials (PCR) Analyzed: 11/9/2022 By: TCJ

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Not Detected	per gram	

84.70 % 847.00 mg/g <b>Total THC</b>	0.33 % 3.30 mg/g <b>Total CBD</b>	88.54 % 885.80 mg/g <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC; Total CBD = CBDA \* 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 11/10/22 By: JEK

Pathogens	RL	ppb	Q
Aflatoxins	10.6	ND	
Ochratoxins	10.6	ND	

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Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 11/10/22 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.212	ND		Acequinocyl	1.06	ND	
Acetamiprid	0.106	ND		Aldicarb	0.212	ND	
Azoxystrobin	0.106	ND		Bifenthrin	0.106	ND	M3
Boscalid	0.212	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	0.212	ND	
Etoxazole	0.106	ND		Fenoxycarb	0.106	ND	
Fenpyroximate E	0.212	ND		Fonicamid	0.531	ND	
Fludioxonil	0.212	ND		Hexythiazox	0.531	ND	
Imazalil	0.106	ND		Imidacloprid	0.212	ND	
Kresoxim-methyl	0.212	ND		Malathion	0.106	ND	
Metalaxyl	0.106	ND		Methiocarb	0.106	ND	
Methomyl	0.212	ND		Myclobutanil	0.106	ND	
Naled	0.265	ND		Oxamyl	0.531	ND	
Piperonyl butoxide	1.06	ND		Propiconazole	0.212	ND	
Propoxure	0.106	ND		Spiromesifen	0.106	ND	
Spirotetramat	0.106	ND		Spiroxamine	0.212	ND	
Tebuconazole	0.212	ND		Thiacloprid	0.106	ND	
Thiamethoxam	0.106	ND		Trifloxystrobin	0.106	ND	
Abamectin	0.265	ND		Bifenazate	0.106	ND	M1
Chlorantraniliprole	0.106	ND		Clofentezine	0.106	ND	
Cyfluthrin	1.06	ND		Cypermethrin	0.531	ND	
Daminozide	0.531	ND	L1	DDVP (Dichlorvos)	0.053	ND	
Fipronil	0.212	ND		Paclobutrazol	0.212	ND	
Permethrins	0.106	ND	M1	Phosmet	0.106	ND	
Prallethrin	0.106	ND		Pyrethrins	0.531	ND	M2, V1
Pyridaben	0.106	ND		Spinosad	0.106	ND	L1
Chlorfenapyr	1.06	ND					

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	

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# Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

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#### Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	

#### Terpenes (GCMS-MS) Analyzed: By:

	mg/g	%	Q
<b>Compound</b>			
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	
<b>Total Terpenes</b>	NT	NT	

#### Water Activity (Water Activity Meter) Analyzed: By:

	AW, 25 °C	Q
<b>Compound</b>		
Water Activity	NT	

#### Moisture (Moisture Analyzer) Analyzed: By:

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

#### pH Test (pH Meter) Analyzed: By:

	NA	Q
<b>Compound</b>		
pH	NT	

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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.
- M3 Matrix spike recovery is unusable because the analyte concentration is disproportionate to the spike level, but the recovery from the laboratory control sample and duplicate are 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.

Terpene analysis not regulated by Arizona Department of Health.

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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