



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 #: 230420-006; 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 - AP (H) AP

Laboratory Number: 2304063-20  
Matrix: Concentrates

<b>Metals</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>E. coli</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> PASS	<b>Salmonella</b> PASS
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#### Sample Image



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

SOP: 004	RL	ppm	Q
Propane	578.70	ND	
Butanes	578.70	ND	
Pentanes	134.26	ND	
Acetonitrile	189.81	ND	
Dichloromethane	277.78	ND	
Hexanes	134.26	ND	
Chloroform	27.78	ND	
n-Heptane	2314.8	ND	
Methanol	1388.9	ND	
Ethanol	2314.8	ND	
Diethyl Ether	2314.8	ND	
Acetone	462.96	ND	
Isopropanol	2314.8	ND	
Ethyl acetate	2314.8	ND	
Isopropyl acetate	2314.8	ND	
Benzene	0.93	ND	
Toluene	412.04	ND	
Xylenes	92.59	ND	

#### Cannabinoid (HPLC-DAD) Analyzed: 04/25/23 By: EGP

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.05	ND	ND	
delta 9-THC	1.49	72.01	720.1	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.51	5.1	
CBG-A	0.05	ND	ND	
CBD-A	0.05	ND	ND	
CBD	0.05	0.25	2.5	
CBD-V	0.05	ND	ND	
CBN	0.05	0.49	4.9	
CBG	0.05	2.15	22	
CBC	0.05	0.62	6.2	

#### Metals (ICP-MS) Analyzed: 04/25/23 By: MLC

SOP: 035	RL	ppm	Q
Arsenic	0.098	ND	
Cadmium	0.098	ND	
Lead	0.244	ND	
Mercury	0.098	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	

72.01 % 720.10 mg/g <b>Total THC</b>	0.25 % 2.50 mg/g <b>Total CBD</b>	76.03 % 760.80 mg/g <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC; Total CBD = CBDa \* 0.877 + CBD

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

SOP: 011	RL	ppb	Q
Aflatoxins	9.95	ND	V1
Ochratoxins	9.95	ND	

RL = Reporting Limit  
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LOQ = Limit of Quantitation

Erin Polly  
Technical Laboratory Director



Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04. Any variances from these requirements, and the reason for the variance, will be documented in the case narrative. 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.



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Pesticides (LC-MS/MS) Analyzed: 04/27/23 By: KSG							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.199	ND		Acequinocyl	0.995	ND	V1
Acetamiprid	0.100	ND		Aldicarb	0.199	ND	
Azoxystrobin	0.100	ND		Bifenthrin	0.100	ND	
Boscalid	0.199	ND		Carbaryl	0.100	ND	
Carbofuran	0.100	ND		Chlorpyrifos	0.100	ND	
Diazinon	0.100	ND		Dimethoate	0.100	ND	
Ethoprophos	0.100	ND		Etofenprox	0.199	ND	
Etoxazole	0.100	ND		Fenoxycarb	0.100	ND	
Fenpyroximate E	0.199	ND		Fonicamid	0.498	ND	
Fludioxonil	0.199	ND		Hexythiazox	0.498	ND	
Imazalil	0.100	ND		Imidacloprid	0.199	ND	
Kresoxim-methyl	0.199	ND		Malathion	0.100	ND	
Metalaxyl	0.100	ND		Methiocarb	0.100	ND	
Methomyl	0.199	ND		Myclobutanil	0.100	ND	
Naled	0.249	ND		Oxamyl	0.498	ND	
Piperonyl butoxide	0.995	ND		Propiconazole	0.199	ND	
Propoxure	0.100	ND	V1	Spiromesifen	0.100	ND	
Spirotetramat	0.100	ND		Spiroxamine	0.199	ND	
Tebuconazole	0.199	ND		Thiacloprid	0.100	ND	
Thiamethoxam	0.100	ND		Trifloxystrobin	0.100	ND	
Abamectin	0.249	ND		Bifenazate	0.100	ND	
Chlorantraniliprole	0.100	ND		Clofentezine	0.100	ND	
Cyfluthrin	0.995	ND		Cypermethrin	0.498	ND	
Daminozide	0.498	ND	N1	DDVP (Dichlorvos)	0.050	ND	
Fipronil	0.199	ND		Paclobutrazol	0.199	ND	
Permethrins	0.100	ND		Phosmet	0.100	ND	
Prallethrin	0.100	ND		Pyrethrins	0.498	ND	
Pyridaben	0.100	ND		Spinosad	0.100	ND	
Chlorfenapyr	0.995	ND					

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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	
<b>Total Terpenes</b>	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.
- N1 Variance from ADHS requirements; see description in case narrative.
- 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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