



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 #: 230420-013; 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 - GSC (S)

Laboratory Number: 2304063-19

GSC

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	683.06	ND	
Butanes	683.06	ND	
Pentanes	158.47	ND	
Acetonitrile	224.04	ND	
Dichloromethane	327.87	ND	
Hexanes	158.47	ND	
Chloroform	32.79	ND	
n-Heptane	2732.2	ND	
Methanol	1639.3	ND	
Ethanol	2732.2	ND	
Diethyl Ether	2732.2	ND	
Acetone	546.45	ND	
Isopropanol	2732.2	ND	
Ethyl acetate	2732.2	ND	
Isopropyl acetate	2732.2	ND	
Benzene	1.09	ND	
Toluene	486.34	ND	
Xylenes	109.29	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	1.54	74.99	749.9	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.53	5.3	
CBG-A	0.05	ND	ND	
CBD-A	0.05	0.08	0.8	
CBD	0.05	0.28	2.8	
CBD-V	0.05	ND	ND	
CBN	0.05	0.48	4.8	
CBG	0.05	2.62	26	
CBC	0.05	0.60	6.0	

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

SOP: 035	RL	ppm	Q
Arsenic	0.097	ND	
Cadmium	0.097	ND	
Lead	0.241	ND	
Mercury	0.097	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	

74.99 % 749.90 mg/g Total THC	0.35 % 3.50 mg/g Total CBD	79.58 % 795.60 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	10.7	ND	V1
Ochratoxins	10.7	ND	

RL = Reporting Limit
NT = Not Tested
ND = Non Detected
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	0.214	ND		Acequinocyl	1.07	ND	V1
Acetamiprid	0.107	ND		Aldicarb	0.214	ND	
Azoxystrobin	0.107	ND		Bifenthrin	0.107	ND	
Boscalid	0.214	ND		Carbaryl	0.107	ND	
Carbofuran	0.107	ND		Chlorpyrifos	0.107	ND	
Diazinon	0.107	ND		Dimethoate	0.107	ND	
Ethoprophos	0.107	ND		Etofenprox	0.214	ND	
Etoazole	0.107	ND		Fenoxycarb	0.107	ND	
Fenpyroximate E	0.214	ND		Fonicamid	0.535	ND	
Fludioxonil	0.214	ND		Hexythiazox	0.535	ND	
Imazalil	0.107	ND		Imidacloprid	0.214	ND	
Kresoxim-methyl	0.214	ND		Malathion	0.107	ND	
Metalaxyl	0.107	ND		Methiocarb	0.107	ND	
Methomyl	0.214	ND		Myclobutanil	0.107	ND	
Naled	0.267	ND		Oxamyl	0.535	ND	
Piperonyl butoxide	1.07	ND		Propiconazole	0.214	ND	
Propoxure	0.107	ND	V1	Spiromesifen	0.107	ND	
Spirotetramat	0.107	ND		Spiroxamine	0.214	ND	
Tebuconazole	0.214	ND		Thiacloprid	0.107	ND	
Thiamethoxam	0.107	ND		Trifloxystrobin	0.107	ND	
Abamectin	0.267	ND		Bifenazate	0.107	ND	
Chlorantraniliprole	0.107	ND		Clofentezine	0.107	ND	
Cyfluthrin	1.07	ND		Cypermethrin	0.535	ND	
Daminozide	0.535	ND	N1	DDVP (Dichlorvos)	0.053	ND	
Fipronil	0.214	ND		Paclobutrazol	0.214	ND	
Permethrins	0.107	ND		Phosmet	0.107	ND	
Prallethrin	0.107	ND		Pyrethrins	0.535	ND	
Pyridaben	0.107	ND		Spinosad	0.107	ND	
Chlorfenapyr	1.07	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	
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.
- 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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