

Vapen

License#: 00000086DCKR00375578
4215 N. 40th Ave.
Phoenix, AZ 85019
(623) 224-0083

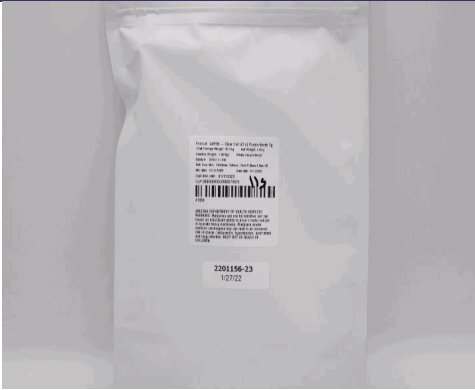
Additional Licenses:
Batch #: 220111-018; External Lot #:
Sample Batch Collection: 01/25/22 11:09; Sample Batch Collected By: Vapen
Sample Received: 1/27/2022; Report Created: 2/7/2022

Purple Nerdz Cartridge

Laboratory Number: 2201156-23
Concentrates

Herbicides PASS	Pesticides PASS	Residual Solvents PASS	Metals PASS	Mycotoxins PASS	Aspergillus PASS	E. Coli/ Salmonella PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 02/03/22 By: ZEN

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	
Pentanes	145.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 02/02/22 By: HMH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	ND	ND	
delta 9-THC	2.00	83.46	834.6	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	1.01	10.1	
CBG-A	0.10	ND	ND	
CBD-A	0.10	ND	ND	
CBD	0.10	0.20	2.00	
CBD-V	0.10	ND	ND	
CBN	0.10	0.43	4.30	
CBG	0.10	6.35	63.5	
CBC	0.10	2.04	20.4	

Metals (ICP-MS) Analyzed: 02/03/22 By: KSG

Element	RL	ppm	Q
Arsenic	0.101	ND	M1
Cadmium	0.101	ND	
Lead	0.101	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 1/31/2022 By: EGP

Pathogens	RL	Result	Units	Q
E. coli	10.0	ND	cfu/g	

Regulated Microbials (PCR) Analyzed: 2/1/2022 By: MLC

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	per gram	
Salmonella	1.00	Absent	per gram	

83.46 % 834.60 mg/g Total THC	0.20 % 2.00 mg/g Total CBD	93.49 % 934.90 mg/g Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 02/02/22 By: JVR

Pathogens	RL	ppb	Q
Aflatoxins	1.10	ND	
Ochratoxins	2.19	ND	

RL = Reporting Limit
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Tabitha A. Hauer
Tabitha Hauer
Owner

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Pesticides (LC-MS TQ) Analyzed: 02/02/22 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.219	ND		Acequinocyl	1.10	ND	
Acetamiprid	0.110	ND		Aldicarb	0.219	ND	
Azoxystrobin	0.110	ND		Bifenthrin	0.110	ND	
Boscalid	0.219	ND		Carbaryl	0.110	ND	
Carbofuran	0.110	ND		Chlorpyrifos	0.110	ND	
Diazinon	0.110	ND		Dimethoate	0.110	ND	
Ethoprophos	0.110	ND		Etofenprox	0.219	ND	
Etoxazole	0.110	ND		Fenoxycarb	0.110	ND	
Fenpyroximate E	0.219	ND		Fonicamid	0.548	ND	
Fludioxonil	0.219	ND	R1, V1	Hexythiazox	0.548	ND	
Imazalil	0.110	ND		Imidacloprid	0.219	ND	
Kresoxim-methyl	0.219	ND		Malathion	0.110	ND	
Metalaxyl	0.110	ND		Methiocarb	0.110	ND	
Methomyl	0.219	ND		Myclobutanil	0.110	ND	
Naled	0.274	ND		Oxamyl	0.548	ND	
Piperonyl butoxide	1.10	ND		Propiconazole	0.219	ND	
Propoxure	0.110	ND		Spiromesifen	0.110	ND	
Spirotetramat	0.110	ND		Spiroxamine	0.219	ND	
Tebuconazole	0.219	ND		Thiacloprid	0.110	ND	
Thiamethoxam	0.110	ND		Trifloxystrobin	0.110	ND	
Abamectin	0.274	ND	V1	Bifenazate	0.110	ND	
Chlorantraniliprole	0.110	ND		Clofentezine	0.110	ND	
Cyfluthrin	1.10	ND	L1	Cypermethrin	0.548	ND	
Daminozide	0.548	ND		DDVP (Dichlorvos)	0.055	ND	M2
Fipronil	0.219	ND		Paclobutrazol	0.219	ND	
Permethrins	0.110	ND		Phosmet	0.110	ND	
Prallethrin	0.110	ND	V1	Pyrethrins	0.548	ND	L1
Pyridaben	0.110	ND		Spinosad	0.110	ND	L1
Chlorfenapyr	1.10	ND					

Herbicides (LC-MS TQ) Analyzed: 02/02/22 By: LEH			
Analyte	RL	ppm	Q
Pendimethalin	0.055	ND	

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Certificate of Analysis

00000003LCIN00627986

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www.desertvalleytesting.com

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	
Enterobacteria	NT	NT	cfu/g	

Terpenes (GCMS-MS) Analyzed: By:

	mg/g	%	Q
Compound			
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 (Moisture Reactor) Analyzed: By:

	AW	Q
Compound		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
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.
- 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) 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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