

Received: 06/11/2021 Completed: 06/30/2021

Order #: 78956

Order Name: Kadenwood Level 2 Cooling Spray 800mg/2oz Batch#: B21B39B/21161D2

Sample

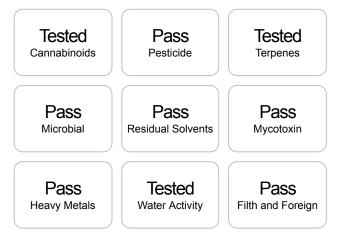


#### Cannabinoid Summary

N/D D9-THC 881.1 mg Cannabinoids per unit 880.4 mg CBD per unit

1 unit = 59 ml per unit x density (1) x Cannabinoid concentration

#### **Testing Summary**



#### Instruments

GCMS-MS - Shimadzu GCMS-TQ8040 LCMS-MS - Shimadzu LCMS-8060 Headspace GCMS - Shimadzu GCMS QP2020 with HS20 SHIMADZU INTEGRATED UPLC-PDA ICP-MS - Shimadzu ICPMS-2030 LC-MS - Shimadzu LCMS-8060 PCR - Agilent AriaMX HD-3A Water Activity Meter Amscope Simul-Focal Trinocular Stereo Zoom Microscope

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

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у	Batch Info
	ID:
, D	Date:
	Exp. Date:
	Size:
3	Total Qty Produced:
	Report Download Info

URL: https://www.verifycbd.com/report/6e3az1346c

D9-THC
THCA
CBD 1.492%
CBDA
CBDV
CBC
CBN
CBG 0.001%
CBGA
D8-THC
THCV

#### SOPS

Cannabinoids Test - GSL SOP 400 Terpenes Test - GSL SOP 404 Pesticide Analysis - GSL SOP 401 Residual Solvents - GSL SOP 405 Heavy Metals Analysis - GSL SOP 403 Mycotoxin Analysis - GSL SOP 401 Microbial Analysis - GSL SOP 406 Water Activity - GSL SOP 407 Filth and Foreign Materials Analysis - GSL SOP 409



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## Sample

# N/D D9-THC

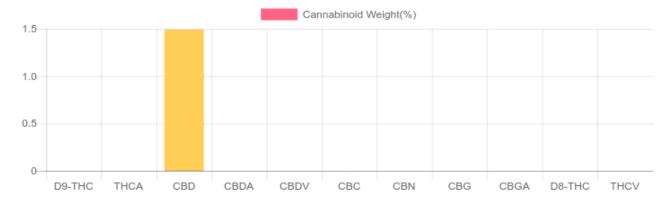


1 unit = 59 ml per unit x density (1) x Cannabinoid concentration

## **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA GSL SOP 400

GSL SOP 400	L SOP 400			/14/2021 10:25:09
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	1.492%	14.922	880.398
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.001%	0.012	0.708
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		N/D	N/D	N/D
TOTAL CBD*		1.492%	14.922	880.4
TOTAL CANNABINOIDS		1.493%	14.934	881.1



Reporting Limit 10 ppm \*Total CBD = CBD + CBDA x 0.877 N/D - Not Detected, B/LOQ - Below Limit of Quantification

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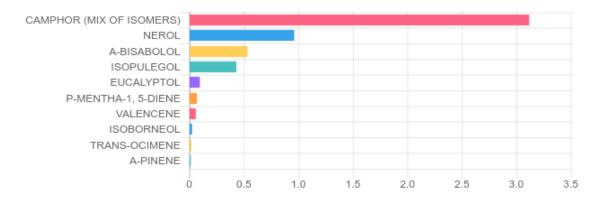
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 404 Uploaded: 06/14/2021 15:14:11

Terpene	Results (%)	LOQ (%)	LOD (%)
3-CARENE	B/LOQ	0.003%	0.001%
A-BISABOLOL	0.534%	0.003%	0.001%
A-CEDRENE	B/LOQ	0.003%	0.001%
A-HUMULENE	B/LOQ	0.003%	0.001%
A-PINENE	0.014%	0.003%	0.001%
A-TERPINENE	B/LOQ	0.003%	0.001%
B-MYRCENE	B/LOQ	0.003%	0.001%
B-PINENE	B/LOQ	0.003%	0.001%
BORNEOL (MIX OF ISOMERS)	B/LOQ	0.003%	0.001%
CAMPHENE	B/LOQ	0.003%	0.001%
CAMPHOR (MIX OF ISOMERS)	3.119%	0.003%	0.001%
CARYOPHYLLENE OXIDE	B/LOQ	0.003%	0.001%
CEDROL	B/LOQ	0.003%	0.001%
CIS-NEROLIDOL	B/LOQ	0.003%	0.001%
CIS-OCIMENE	B/LOQ	0.003%	0.001%
ENDO-FENCHYL ALCOHOL	B/LOQ	0.003%	0.001%
EUCALYPTOL	0.097%	0.003%	0.001%
FENCHONE (MIX OF ISOMERS)	B/LOQ	0.003%	0.001%
GAMMA-TERPINENE	B/LOQ	0.003%	0.001%

Terpene	Results (%)	LOQ (%)	LOD (%)
GERANIOL	B/LOQ	0.003%	0.001%
GERANYL ACETATE	B/LOQ	0.003%	0.001%
GUAIOL	B/LOQ	0.003%	0.001%
HEXAHYDROTHYMOL	B/LOQ	0.003%	0.001%
ISOBORNEOL	0.025%	0.003%	0.001%
ISOPULEGOL	0.432%	0.003%	0.001%
LIMONENE	B/LOQ	0.003%	0.001%
LINALOOL	B/LOQ	0.003%	0.001%
NEROL	0.962%	0.003%	0.001%
P-MENTHA-1, 5-DIENE	0.070%	0.003%	0.001%
PULEGONE (+)	B/LOQ	0.003%	0.001%
SABINENE HYDRATE	B/LOQ	0.003%	0.001%
TERPINEOL (MIX OF ISOMERS)	B/LOQ	0.003%	0.001%
TERPINOLENE	0.006%	0.003%	0.001%
TRANS-CARYOPHYLLENE	B/LOQ	0.003%	0.001%
TRANS-NEROLIDOL	B/LOQ	0.003%	0.001%
TRANS-OCIMENE	0.019%	0.003%	0.001%
VALENCENE	0.059%	0.003%	0.001%

## **Top Terpenes Results:**



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PREPARED: 06/11/2021 20:01:25



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## **PESTICIDE ANALYSIS:**

GSL SOP 401

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	0.700	N/D	0.003	0.001
CHLORDANE	0.100	N/D	0.003	0.001
CHLORFENAPYR	0.100	N/D	0.003	0.001
COUMAPHOS	0.100	N/D	0.003	0.001

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	-
CYFLUTHRIN	2.000	N/D	0.003	0.001
CYPERMETHRIN	1.000	N/D	0.003	0.001
PARATHION-METHYL	0.100	N/D	0.003	0.001
PENTACHLORONITROBENZENE	E 0.100	N/D	0.003	0.001

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LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.001	0.001
ACEQUINOCYL	0.100	N/D	0.001	0.001
ACETAMIPRID	0.100	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.001	0.001
BIFENAZATE	0.100	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.001
BOSCALID	0.100	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001
CARBOFURAN	0.100	N/D	0.001	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.001	0.001
CLOFENTEZINE	0.100	N/D	0.001	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001
DIAZINON	0.100	N/D	0.001	0.001
DICHLORVOS	0.100	N/D	0.005	0.001
DIMETHOATE	0.100	N/D	0.001	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.001	0.001
ETOFENPROX	0.100	N/D	0.001	0.001
ETOXAZOLE	0.100	N/D	0.010	0.005
FENHEXAMID	0.100	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001
FIPRONIL	0.100	N/D	0.003	0.001
FLONICAMID	0.100	N/D	0.025	0.010
FLUDIOXONIL	0.100	N/D	0.003	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.001
IMAZALIL	0.100	N/D	0.005	0.001

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMIDACLOPRID	5.000	N/D	0.005	0.001
KRESOXIM-METHYL	0.100	N/D	0.010	0.005
MALATHION	0.500	N/D	0.005	0.001
METALAXYL	2.000	N/D	0.001	0.001
METHIOCARB	0.100	N/D	0.005	0.001
METHOMYL	1.000	N/D	0.001	0.001
MEVINPHOS	0.100	N/D	0.001	0.001
MYCLOBUTANIL	0.100	N/D	0.005	0.001
NALED	0.100	N/D	0.005	0.001
OXAMYL	0.500	N/D	0.001	0.001
PACLOBUTRAZOL	0.100	N/D	0.005	0.001
PERMETHRINS	0.500	N/D	0.005	0.001
PHOSMET	0.100	N/D	0.005	0.001
PIPERONYL BUTOXIDE	3.000	N/D	0.001	0.001
PRALLETHRIN	0.100	N/D	0.005	0.005
PROPICONAZOLE	0.100	N/D	0.010	0.005
PROPOXUR	0.100	N/D	0.001	0.001
PYRETHRINS (PYRETHRIN I)	0.500	N/D	0.005	0.005
PYRIDABEN	0.100	N/D	0.005	0.001
SPINETORAM	0.100	N/D	0.001	0.001
SPINOSAD	0.100	N/D	0.001	0.001
SPIROMESIFEN	0.100	N/D	0.005	0.001
SPIROTETRAMAT	0.100	N/D	0.001	0.001
SPIROXAMINE	0.100	N/D	0.001	0.001
TEBUCONAZOLE	0.100	N/D	0.005	0.001

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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0.100

5.000

0.100

N/D

N/D

N/D



0.001

0.001

0.001

0.001

0.001

0.001

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THIACLOPRID

THIAMETHOXAM

TRIFLOXYSTROBIN



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## **RESIDUAL SOLVENTS:**

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

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Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.63
1,2- DICHLOROETHANE	2	N/D	0.12	0.02
ACETONE	5,000	N/D	140	20
ACETONITRILE	410	N/D	25	1
BENZENE	1	N/D	1	0.5
BUTANE	5,000	N/D	50	10
CHLOROFORM	1	N/D	1	0.5
CIS 1,2-DICHLOROETHENE	5	N/D	0.73	0.18
ETHYL ACETATE	5,000	N/D	140	20
ETHYL ETHER	5,000	N/D	140	20
ETHYLENE OXIDE	1	N/D	0	0
METHANOL	3,000	N/D	100	20
METHYLENE CHLORIDE	125	N/D	0.15	0.15
N-HEPTANE	5,000	N/D	140	20
N-HEXANE	290	N/D	18	10
PENTANE	5,000	N/D	140	20
PROPANE	5,000	N/D	20	1
TOLUENE	890	N/D	53	1
TRANS 1,2-DICHLOROETHENE	5	N/D	0.73	0.18
<b>TRICHLOROETHENE</b>	1	N/D	1	0.5
XYLENES	150	N/D	130	20

Notes

Ethanol & Isopropyl Alcohol as ingredients

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Microbial Analysis GSL SOP 406

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## **Microbial Analysis:**

PCR - Agilent AriaMX fa

## **MICROBIAL ANALYSIS:**

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable	Actual Result	Pass/Fail
	00.	reet method	501100 0000	202	Criteria	/ otual / tooult	1 400/1 4H
ASPERGILLUS FUMIGATUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS TERREUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS FLAVUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS NIGER***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
SALMONELLA*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
TOTAL YEAST AND MOLD	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	1,000 CFU/G	NOT DETECTED	PASS
AEROBIC BACTERIA COUNT	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	10,000 CFU/G	NOT DETECTED	PASS
ENTEROBACTERIACEAE	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	100 CFU/G	NOT DETECTED	PASS
COLIFORM	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	100 CFU/G	NOT DETECTED	PASS

t USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)
 \* STEC and Salmonella run as Multiplex

\* STEC and Salmonella run as Multiplex \*\* CFU/g Calculation based on MIP/Extract matrix

\*\*\* Flavus = 2 Copies of DNA / Furnigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA

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## **Mycotoxin Analysis:**

LC-MS - Shimadzu LCMS-8060 GSL SOP 401

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Analyte	Action Lvl (ppb)	Results (ppb)
AFLATOXIN B1	20	N/D
AFLATOXIN B2	20	N/D
AFLATOXIN G1	20	N/D
AFLATOXIN G2	20	N/D
OCHRATOXIN A	20	N/D

LOQ is 1ppb, LOD is 1ppb

#### **Moisture Analysis:**

Shimadzu MOC63U Moisture Balance - GSL SOP 411

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Moisture % 74.8%

## Filth and Foreign Materials Analysis:

Microscope - Amscope Simul-Focal Trinocular Stereo Zoom Microscope - GSL SOP 409

Uploaded: 07/06/2021 09:23:52

Pass: No Foreign Materials Detected

## Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

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Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200	B/LOQ
CADMIUM (CD)	200	B/LOQ
MERCURY (HG)	100	B/LOQ
LEAD (PB)	500	B/LOQ

Lower Limit of Quantitation (LOQ) is 75 ppb

#### Water Activity:

HD-3A Water Activity Meter - GSL SOP 407

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Water 0.85



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