

Order #: 82262 Order Name: Kadenwood Level 3 Balm Stick 600mg/1oz Batch#: B21B38/21211A1 Received: 08/03/2021

Completed: 08/06/2021



Sample



Cannabinoid Summary



2.196% Total CBD

684.2 mg Cannabinoids per unit

614.9 mg CBD per unit

1 unit = 28 grams per unit x Cannabinoid concentration

Batch Info

ID:

Date:

Exp. Date:

Size:

Total Qty Produced:

Report Download Info

URL: https://www.verifycbd.com/report/71a5z14156

Testing Summary

Tested
Cannabinoids

Pass Pesticide Tested Terpenes

Pass Microbial Pass
Residual Solvents

Pass

Mycotoxin

Pass Heavy Metals Tested
Water Activity

Pass
Filth and Foreign

D9-THC THCA CBD 2.196% CBDA CBDV CBC CBN CBG 0.139% CBGA D8-THC THCV

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

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

Ben Witten, MS, MT., Lab Director

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Order #: 82262 Order Name: Kadenwood Level 3 Balm Stick 600mg/10z Batch#: B21B38/21211A1 Received: 08/03/2021 Completed: 08/06/2021



Sample



N/D D9-THC 2.196% Total CBD

684.2 mg Cannabinoids per unit 614.9 mg CBD per unit

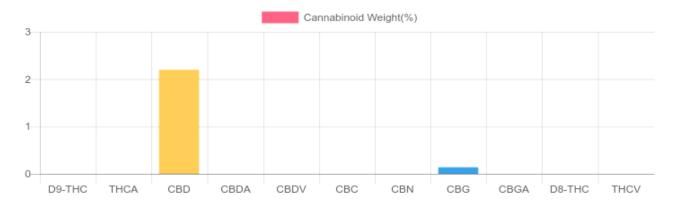
1 unit = 28 grams per unit x Cannabinoid concentration

Cannabinoids Test

HPLC-DAD GSL SOP 400

UPLOADED: 08/05/2021 10:05:00

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	2.196%	21.961	614.908
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	0.139%	1.387	38.836
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*		2.196%	21.961	614.9
TOTAL CANNABINOIDS		2.444%	24.436	684.2



Reporting Limit 10 ppm

*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected B/LOQ - Below Limit of

N/D - Not Detected, B/LOQ - Below Limit of Quantification

Bul

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TERPENES: TOTAL (5.607%)

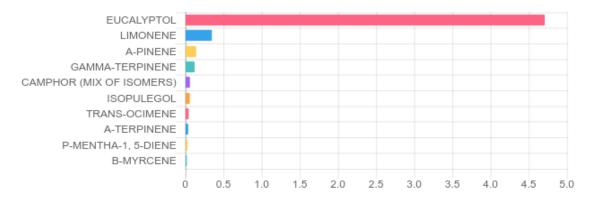
GC-FID

GSL SOP 404

Uploaded: 08/06/2021 13:46:16

Terpene	Results (%)	LOQ (%)	LOD (%)	Terpene	Results (%)	LOQ (%)	LOD (%)
3-CARENE	B/LOQ	0.003%	0.001%	GERANIOL	B/LOQ	0.003%	0.001%
A-BISABOLOL	B/LOQ	0.003%	0.001%	GERANYL ACETATE	B/LOQ	0.003%	0.001%
A-CEDRENE	B/LOQ	0.003%	0.001%	GUAIOL	B/LOQ	0.003%	0.001%
A-HUMULENE	B/LOQ	0.003%	0.001%	HEXAHYDROTHYMOL	B/LOQ	0.003%	0.001%
A-PINENE	0.141%	0.003%	0.001%	ISOBORNEOL	B/LOQ	0.003%	0.001%
A-TERPINENE	0.037%	0.003%	0.001%	ISOPULEGOL	0.058%	0.003%	0.001%
B-MYRCENE	0.020%	0.003%	0.001%	LIMONENE	0.348%	0.003%	0.001%
B-PINENE	0.007%	0.003%	0.001%	LINALOOL	0.011%	0.003%	0.001%
BORNEOL (MIX OF ISOMERS)	B/LOQ	0.003%	0.001%	NEROL	B/LOQ	0.003%	0.001%
CAMPHENE	B/LOQ	0.003%	0.001%	P-MENTHA-1, 5-DIENE	0.029%	0.003%	0.001%
CAMPHOR (MIX OF ISOMERS)	0.059%	0.003%	0.001%	PULEGONE (+)	B/LOQ	0.003%	0.001%
CARYOPHYLLENE OXIDE	B/LOQ	0.003%	0.001%	SABINENE HYDRATE	B/LOQ	0.003%	0.001%
CEDROL	B/LOQ	0.003%	0.001%	TERPINEOL (MIX OF ISOMERS)	0.013%	0.003%	0.001%
CIS-NEROLIDOL	B/LOQ	0.003%	0.001%	TERPINOLENE	B/LOQ	0.003%	0.001%
CIS-OCIMENE	B/LOQ	0.003%	0.001%	TRANS-CARYOPHYLLENE	B/LOQ	0.003%	0.001%
ENDO-FENCHYL ALCOHOL	B/LOQ	0.003%	0.001%	TRANS-NEROLIDOL	B/LOQ	0.003%	0.001%
EUCALYPTOL	4.711%	0.003%	0.001%	TRANS-OCIMENE	0.044%	0.003%	0.001%
FENCHONE (MIX OF ISOMERS)	B/LOQ	0.003%	0.001%	VALENCENE	B/LOQ	0.003%	0.001%
GAMMA-TERPINENE	0.120%	0.003%	0.001%				

Top Terpenes Results:



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Order #: 82262 Order Name: Kadenwood Level 3 Balm Stick 600mg/1oz Batch#: B21B38/21211A1 Received: 08/03/2021 Completed: 08/06/2021



PESTICIDE ANALYSIS:

GSL SOP 401 PREPARED: 08/04/2021 14:00:08 UPLOADED: 08/05/2021 11:09:48

GC-MS/MS

FLONICAMID

FLUDIOXONIL

HEXYTHIAZOX

IMAZALIL

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	0.700	N/D	0.100	0.100
CHLORDANE	0.100	N/D	0.010	0.010
CHLORFENAPYR	0.100	N/D	0.010	0.010
COUMAPHOS	0.100	N/D	0.010	0.010

Pesticide	Action Leve	l Results	LOQ	LOD
resticide	(ppm)	(ppm)	(ppm)	(ppm)
CYFLUTHRIN	2.000	N/D	0.010	0.010
CYPERMETHRIN	1.000	N/D	0.010	0.010
PARATHION-METHYL	0.100	N/D	0.010	0.010
PENTACHLORONITROBENZENI	E 0.100	N/D	0.010	0.010

LC-MS/MS				
Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.005
ACEPHATE	0.100	N/D	0.005	0.001
ACEQUINOCYL	0.100	N/D	0.005	0.005
ACETAMIPRID	0.100	N/D	0.005	0.005
ALDICARB	0.100	N/D	0.005	0.005
AZOXYSTROBIN	0.100	N/D	0.005	0.001
BIFENAZATE	0.100	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.005
BOSCALID	0.100	N/D	0.005	0.005
CARBARYL	0.500	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.005	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.005	0.005
CLOFENTEZINE	0.100	N/D	0.005	0.005
DAMINOZIDE	0.100	N/D	0.005	0.001
DIAZINON	0.100	N/D	0.005	0.005
DICHLORVOS	0.100	N/D	0.005	0.001
DIMETHOATE	0.100	N/D	0.005	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.005	0.001
ETOFENPROX	0.100	N/D	0.005	0.005
ETOXAZOLE	0.100	N/D	0.050	0.005
FENHEXAMID	0.100	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.005
FENPYROXIMATE	0.100	N/D	0.005	0.005
FIPRONIL	0.100	N/D	0.005	0.005

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	0.005	0.005
MALATHION	0.500	N/D	0.005	0.001
METALAXYL	2.000	N/D	0.005	0.001
METHIOCARB	0.100	N/D	0.005	0.001
METHOMYL	1.000	N/D	0.005	0.001
MEVINPHOS	0.100	N/D	0.005	0.001
MYCLOBUTANIL	0.100	N/D	0.005	0.005
NALED	0.100	N/D	0.005	0.001
OXAMYL	0.500	N/D	0.005	0.001
PACLOBUTRAZOL	0.100	N/D	0.005	0.005
PERMETHRINS	0.500	N/D	0.005	0.005
PHOSMET	0.100	N/D	0.005	0.001
PIPERONYL	0.000	NVD	0.005	0.005
BUTOXIDE	3.000	N/D	0.005	0.005
PRALLETHRIN	0.100	N/D	0.005	0.005
PROPICONAZOLE	0.100	N/D	0.010	0.005
PROPOXUR	0.100	N/D	0.005	0.001
PYRETHRINS	0.500	N/D	0.005	0.001
PYRIDABEN	0.100	N/D	0.005	0.005
SPINETORAM	0.100	N/D	0.005	0.005
SPINOSAD	0.100	N/D	0.005	0.005
SPIROMESIFEN	0.100	N/D	0.005	0.001
SPIROTETRAMAT	0.100	N/D	0.005	0.005
SPIROXAMINE	0.100	N/D	0.005	0.001
TEBUCONAZOLE	0.100	N/D	0.005	0.001
THIACLOPRID	0.100	N/D	0.005	0.001
THIAMETHOXAM	5.000	N/D	0.005	0.001
TRIFLOXYSTROBIN	0.100	N/D	0.005	0.005

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

0.100

0.100

0.100

N/D

N/D

N/D

N/D

0.025

0.005

0.005

0.005

0.005

0.005

0.005

0.001



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RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

Prepared: 08/03/2021 18:12:51 Uploaded: 08/04/2021 13:34:12

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
,1-DICHLOROETHENE	8	N/D	0.63	0.6
,2- DICHLOROETHANE	2	N/D	0.12	0.012
,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	9
ACETONITRILE	410	N/D	25	0.72
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
THANOL	5,000	N/D	140	12
THYL ACETATE	5,000	N/D	140	2.4
THYL ETHER	5,000	N/D	140	6
THYLENE OXIDE	1	N/D	2	0.6
SOPROPYL ALCOHOL	5,000	N/D	140	3
METHANOL	3,000	N/D	100	6
METHYLENE CHLORIDE	125	N/D	1.5	1.5
I-HEPTANE	5,000	N/D	140	6
I-HEXANE	290	N/D	18	0.06
PENTANE	5,000	N/D	140	9
PROPANE	5,000	N/D	30	30
OLUENE	890	N/D	53	0.9
RICHLOROETHENE	1	N/D	1	0.3
YLENES	150	N/D	130	1.8



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Microbial Analysis:

PCR - Agilent AriaMX

Microbial Analysis GSL SOP 406

Uploaded: 08/04/2021 20:53:41

MICROBIAL ANALYSIS:

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
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
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
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

[†] USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

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^{*} 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/MS GSL SOP 401

Uploaded: 08/05/2021 09:11:01

Analyte	Action LvI (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

Uploaded: 08/04/2021 15:54:29

Moisture %

38.1%

Heavy Metals Analysis:

ICP-MS GSL SOP 403

Uploaded: 08/05/2021 17:06:15

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, Limit of Detection (LOD) is 3 ppb

Water Activity:

Water Activity Meter

Uploaded: 08/04/2021 15:54:30

Water

0.56

Filth and Foreign Materials Analysis:

 ${\it Microscope - Amscope Simul-Focal Trinocular Stereo Zoom Microscope - GSL SOP 409}$

Uploaded: 08/04/2021 15:57:57

Pass: No Foreign Materials Detected



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