

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 96404
 Order Name: Kadenwood Level
 3 Sports Balm 600mg/1oz (28g)
 (B22F13)
 Batch#: Lot# 22168G3
 Received: 06/21/2022
 Completed: 06/23/2022



Sample



Cannabinoids Test

HPLC-DAD
 GSL SOP 400

UPLOADED: 06/23/2022 10:26:03

Cannabinoids	LOQ(mg/g)	LOD(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.0645	N/D	N/D	N/D
THCA	0.1954	0.0645	N/D	N/D	N/D
CBD	0.1954	0.0645	2.746%	27.456	768.768
CBDA	0.1954	0.0645	N/D	N/D	N/D
CBDV	0.1954	0.0645	0.023%	0.229	6.412
CBC	0.1954	0.0645	N/D	N/D	N/D
CBN	0.1954	0.0645	N/D	N/D	N/D
CBG	0.1954	0.0645	N/D	N/D	N/D
CBGA	0.1954	0.0645	N/D	N/D	N/D
D8-THC	0.1954	0.0645	N/D	N/D	N/D
THCV	0.1954	0.0645	N/D	N/D	N/D

N/D
Total D9-THC

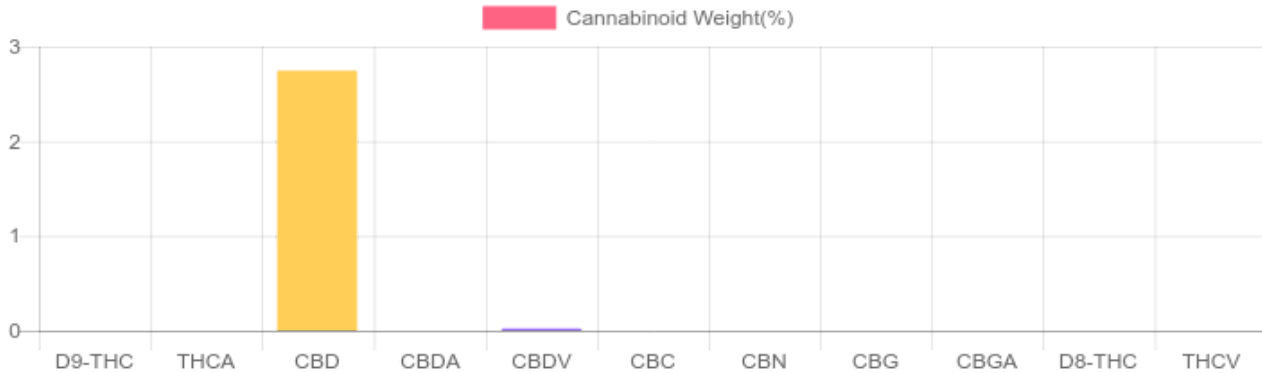
2.746%
Total CBD

775.2 mg
Cannabinoids per unit

768.8 mg
CBD per unit

TOTAL D9-THC	N/D	N/D	N/D
TOTAL CBD*	2.746%	27.456	768.8
TOTAL CANNABINOIDS	2.769%	27.685	775.2

1 unit = 28 grams per unit x Cannabinoid concentration



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

Diana Asensio, M.S.,
 Lab Director

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 1-833 TEST-CBD



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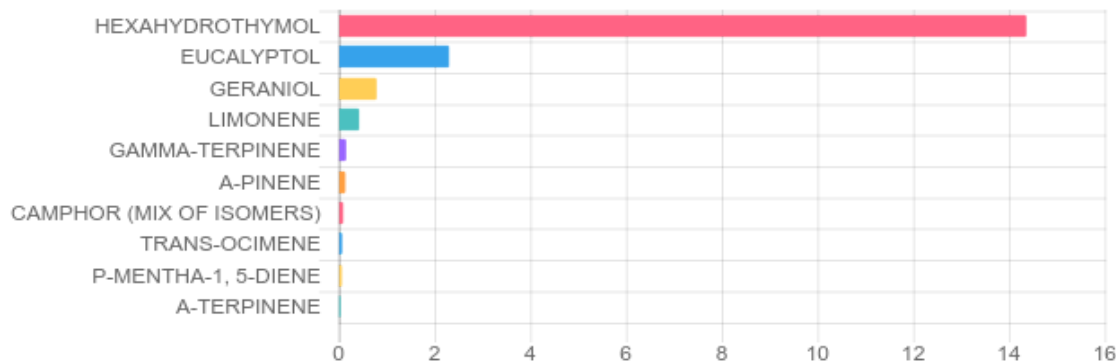
TERPENES: TOTAL (18.526%)

GSL SOP 404
 Uploaded: 06/23/2022 15:30:23

GC-FID

Terpene	Results (%)	LOQ (%)	LOD (%)	Terpene	Results (%)	LOQ (%)	LOD (%)
3-CARENE	N/D	0.003%	0.001%	GERANIOL	0.791%	0.003%	0.001%
A-BISABOLOL	N/D	0.003%	0.001%	GERANYL ACETATE	N/D	0.003%	0.001%
A-CEDRENE	N/D	0.003%	0.001%	GUAJOL	N/D	0.003%	0.001%
A-HUMULENE	N/D	0.003%	0.001%	HEXAHYDROTHYMOL	14.364%	0.003%	0.001%
A-PINENE	0.140%	0.003%	0.001%	ISOBORNEOL	N/D	0.003%	0.001%
A-TERPINENE	0.038%	0.003%	0.001%	ISOPULEGOL	N/D	0.003%	0.001%
B-MYRCENE	0.030%	0.003%	0.001%	LIMONENE	0.428%	0.003%	0.001%
B-PINENE	0.009%	0.003%	0.001%	LINALOOL	0.011%	0.003%	0.001%
BORNEOL (MIX OF ISOMERS)	N/D	0.003%	0.001%	NEROL	N/D	0.003%	0.001%
CAMPHENE	N/D	0.003%	0.001%	P-MENTHA-1, 5-DIENE	0.067%	0.003%	0.001%
CAMPHOR (MIX OF ISOMERS)	0.096%	0.003%	0.001%	PULEGONE (+)	N/D	0.003%	0.001%
CARYOPHYLLENE OXIDE	N/D	0.003%	0.001%	SABINENE HYDRATE	N/D	0.003%	0.001%
CEDROL	N/D	0.003%	0.001%	TERPINEOL (MIX OF ISOMERS)	0.013%	0.003%	0.001%
CIS-NEROLIDOL	N/D	0.003%	0.001%	TERPINOLENE	B/LOQ	0.003%	0.001%
CIS-OCIMENE	0.006%	0.003%	0.001%	TRANS-CARYOPHYLLENE	N/D	0.003%	0.001%
ENDO-FENCHYL ALCOHOL	N/D	0.003%	0.001%	TRANS-NEROLIDOL	N/D	0.003%	0.001%
EUCALYPTOL	2.307%	0.003%	0.001%	TRANS-OCIMENE	0.071%	0.003%	0.001%
FENCHONE (MIX OF ISOMERS)	0.003%	0.003%	0.001%	VALENCENE	N/D	0.003%	0.001%
GAMMA-TERPINENE	0.152%	0.003%	0.001%				

Top Terpenes Results:



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 1-833 TEST CBD



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PESTICIDE ANALYSIS:

GSL SOP 401

UPLOADED: 06/23/2022 14:14:14

GC-MS/MS

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

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CYFLUTHRIN	2.000	N/D	0.100	0.010
CYPERMETHRIN	1.000	N/D	0.100	0.010
PARATHION-METHYL	0.100	N/D	0.100	0.010
PENTACHLORONITROBENZENE	0.100	N/D	0.100	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
FLONICAMID	0.100	N/D	0.025	0.005
FLUDIOXONIL	0.100	N/D	0.005	0.005
HEXYTHIAZOX	0.100	N/D	0.005	0.005

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.005	0.001
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	3.000	N/D	0.005	0.005
BUTOXIDE	0.100	N/D	0.005	0.005
PRALLETHRIN	0.100	N/D	0.010	0.005
PROPICONAZOLE	0.100	N/D	0.005	0.001
PROPOXUR	0.100	N/D	0.005	0.005
PYRETHRINS	0.500	N/D	0.005	0.005
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

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

Diana Asensio, M.S.,
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22168G

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RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

Uploaded: 06/22/2022 10:33:31

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.6
1,2-DICHLOROETHANE	2	N/D	0.12	0.04
1,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	75
ACETONITRILE	410	N/D	25	6
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
ETHANOL	5,000	N/D	140	47
ETHYL ACETATE	5,000	N/D	140	40
ETHYL ETHER	5,000	N/D	140	50
ETHYLENE OXIDE	1	N/D	2	0.6
ISOPROPYL ALCOHOL	5,000	N/D	140	50
METHANOL	3,000	N/D	100	25
METHYLENE CHLORIDE	125	N/D	1.5	1.5
N-HEPTANE	5,000	N/D	140	6
N-HEXANE	290	N/D	18	6
PENTANE	5,000	N/D	140	75
PROPANE	5,000	N/D	30	30
TOLUENE	890	N/D	53	15
TRICHLOROETHENE	1	N/D	1	0.3
XYLENES	150	N/D	130	15

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Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 06/23/2022 16:23:07

MICROBIAL ANALYSIS:

Test	SOP	Test Method	Device Used	Allowable Criteria	Actual Result
TOTAL YEAST AND MOLD	406	REAL-TIME PCR	ARIAMX PCR	NOT APPLICABLE	< 1,000 CFU/G
AEROBIC BACTERIA COUNT	406	REAL-TIME PCR	ARIAMX PCR	NOT APPLICABLE	< 10,000 CFU/G
ENTEROBACTERIACEAE	406	REAL-TIME PCR	ARIAMX PCR	NOT APPLICABLE	< 100 CFU/G
COLIFORM	406	REAL-TIME PCR	ARIAMX PCR	NOT APPLICABLE	< 100 CFU/G
ASPERGILLUS FUMIGATUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS NIGER***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS FLAVUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS TERREUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
STEC E. COLI*	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
SALMONELLA*	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED

* STEC and Salmonella run as Multiplex

** CFU/g Calculation based on MIP/Extract matrix

*** Flavus = 2 Copies of DNA / Fumigatis = 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

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Analyte	LOQ (ppb)	LOD (ppb)	Action Lvl (ppb)	Results (ppb)
AFLATOXIN B1	1	1	20	N/D
AFLATOXIN B2	1	1	20	N/D
AFLATOXIN G1	1	1	20	N/D
AFLATOXIN G2	1	1	20	N/D
OCHRATOXIN A	1	1	20	N/D

Heavy Metals Analysis:

ICP-MS
GSL SOP 403

Uploaded: 06/22/2022 16:49:14

Metal	LOQ (ppb)	LOD (ppb)	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	75	20	200	N/D
CADMIUM (CD)	75	20	200	N/D
MERCURY (HG)	75	20	100	N/D
LEAD (PB)	75	20	500	N/D

Moisture Analysis:

Shimadzu MOC63U Moisture Balance - GSL SOP 411

Uploaded: 06/21/2022 19:38:47

Moisture %

10.6%

Water Activity:

Water Activity Meter

Uploaded: 06/21/2022 19:38:48

Water

0.61

Filth and Foreign Materials Analysis:

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

Uploaded: 06/21/2022 18:02:16

Pass: No Foreign Materials Detected

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