



**King Kanine**  
 150 S Pine Island  
 RD  
 Plantation, FL,  
 33324  
 833KINGPET  
 Order #: 73037  
 Retail Batch #:  
 220614C

**CERTIFICATE OF ANALYSIS**  
 ISO/IEC: 17025:2017 Accreditation #:  
 103104  
 License #: CMTL-0004

**Batch Information**

**Order Information**

Order #: 73037  
 Order Name: King Kalm CBD 300mg  
 Retail Batch #: 220614C  
 Received: 11/03/2022 16:10:18  
 Complete: 11/08/2022 20:57:09

Create Date: 07/22/2022  
 Exp. Date: 06/14/2024  
 Size: 0

Total Qty.: 3,000  
 Matrix: Pet/Animal Products  
 Pickup Weight: N/A

<b>CANNABINOID PROFILE</b> <b>TESTED</b>	<b>LABEL CLAIM</b> <b>NOT APPLICABLE</b>	<b>MICROBIAL ANALYSIS</b> <b>PASS</b>
<b>RESIDUAL SOLVENTS</b> <b>PASS</b>	<b>AGRICULTURAL AGENTS</b> <b>PASS</b>	<b>HEAVY METAL ANALYSIS</b> <b>PASS</b>
<b>TERPENES TOTAL</b> <b>TESTED</b>	<b>MOISTURE ANALYSIS</b> <b>TESTED</b>	<b>WATER ACTIVITY</b> <b>TESTED</b>
<b>FILTH &amp; FOREIGN MATERIAL ANALYSIS</b> <b>PASS</b>	<b>HOMOGENEITY</b> <b>NOT TESTED</b>	<b>MYCOTOXIN ANALYSIS</b> <b>PASS</b>



**0.000 %**  
Total THC

**1.176 %**  
Total CBD

**1.227 %**  
Total Cannabinoids

**Diana Asensio, M.S.**

Lab Director

**Florida**

4001 SW 47th Avenue, Suite 208  
 Davie, FL 33314  
 (954) 514-9343





**King Kanine**  
 150 S Pine Island  
 RD  
 Plantation, FL,  
 33324  
 833KINGPET  
 Order #: 73037  
 Retail Batch #:  
 220614C

**CERTIFICATE OF ANALYSIS**  
 ISO/IEC: 17025:2017 Accreditation #:  
 103104  
 License #: CMTL-0004

**Sample Prep**

Tech: 4090  
 SOP: 418  
 Batch Number: 56809  
 Batch Date: 11/04/2022 12:25:38

**Sample Analysis**

Date/Time: 11/07/2022 16:44:56  
 Tech: 3445  
 SOP: 417  
 Final Weight: 0.2093 g  
 Volume: 40 ml

**CANNABINOID PROFILE**

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
<b>1.176 %</b> Total CBD	<b>11.112 mg</b> CBD Per Unit	<b>333.368 mg</b> CBD Per Pkg
<b>1.227 %</b> Total Cannabinoids	<b>11.594 mg</b> Cannabinoids Per Unit	<b>347.826 mg</b> Cannabinoids Per Pkg

**Cannabinoid Potency**

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBD	0.064/0.1954	1	1.176	11.759	11.112	333.368	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBG	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	ND	ND	ND	ND	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

**Additional Cannabinoids**

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	0.051	0.510	0.482	14.458	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 0.945 (g/ml) x cannabinoid concentration (mg/g)  
 For inhalation derivative products, Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)  
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	ND	ND	ND	ND
Total CBD	1.176	11.759	11.112	333.368
Total Cannabinoids	1.227	12.269	11.594	347.826

**Diana Asensio, M.S.**

Lab Director

**Florida**  
 4001 SW 47th Avenue, Suite 208  
 Davie, FL 33314  
 (954) 514-9343



This COA is governed by the terms and conditions listed on: <https://www.greenscientificlabs.com/terms-of-use>



**King Kanine**  
 150 S Pine Island  
 RD  
 Plantation, FL,  
 33324  
 833KINGPET  
 Order #: 73037  
 Retail Batch #:  
 220614C

**CERTIFICATE OF ANALYSIS**

ISO/IEC: 17025:2017 Accreditation #:  
 103104  
 License #: CMTL-0004

**Agricultural Agents**

GC-MS/MS

**PASS**

**Sample Prep**

Tech: 4090  
 SOP: 402  
 Batch Number: 56808  
 Batch Date: 11/04/2022 12:08:10

**Sample Analysis**

Date/Time: 11/08/2022 16:45:03  
 Tech: 2816  
 SOP: 402  
 Final Weight: 0.5115 g  
 Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	3	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

**MYCOTOXIN ANALYSIS**

LC-MS/MS

**PASS**

**Sample Prep**

Tech: 4090  
 SOP: 432  
 Batch Number: 56817  
 Batch Date: 11/04/2022 14:52:10

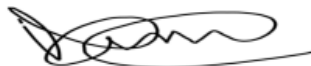
**Sample Analysis**

Date/Time: 11/07/2022 15:10:40  
 Tech: 2657  
 SOP: 424  
 Final Weight: 0.5021 g  
 Volume: 5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	2	20	ND
Aflatoxin B2	2/10	2	20	ND
Aflatoxin G1	2/10	2	20	ND
Aflatoxin G2	2/5	2	20	ND
Ochratoxin A	2/10	2	20	ND

**Diana Asensio, M.S.**

Lab Director



**Florida**

4001 SW 47th Avenue, Suite 208  
 Davie, FL 33314  
 (954) 514-9343





King Kanine  
150 S Pine Island  
RD  
Plantation, FL,  
33324  
833KINGPET  
Order #: 73037  
Retail Batch #:  
220614C

### CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:  
103104  
License #: CMTL-0004

### Agricultural Agents

LC-MS/MS

**PASS**

### Sample Prep

Tech: 4090  
SOP: 432  
Batch Number: 56817  
Batch Date: 11/04/2022 14:52:10

### Sample Analysis

Date/Time: 11/07/2022 15:10:40  
Tech: 2657  
SOP: 424  
Final Weight: 0.5021 g  
Volume: 5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	2	0.3	ND	Imazalil	0.002/0.01	2	0.1	ND
Acephate	0.002/0.04	2	3	ND	Imidacloprid	0.002/0.002	2	3	ND
Acequinocyl	0.002/0.002	2	2	ND	Kresoxim-methyl	0.002/0.002	2	1	ND
Acetamiprid	0.002/0.002	2	3	ND	Malathion	0.01/0.04	2	2	ND
Aldicarb	0.002/0.01	2	0.1	ND	Metalaxyl	0.002/0.004	2	3	ND
Azoxystrobin	0.002/0.04	2	3	ND	Methiocarb	0.002/0.01	2	0.1	ND
Bifenazate	0.002/0.002	2	3	ND	Methomyl	0.002/0.002	2	0.1	ND
Bifenthrin	0.002/0.002	2	0.5	ND	Mevinphos	0.009/0.036	2	0.1	ND
Boscalid	0.01/0.05	2	3	ND	Myclobutanil	0.002/0.04	2	3	ND
Carbaryl	0.002/0.004	2	0.5	ND	Naled	0.002/0.01	2	0.5	ND
Carbofuran	0.002/0.01	2	0.1	ND	Oxamyl	0.002/0.002	2	0.5	ND
Chlorantraniliprole	0.002/0.01	2	3	ND	Paclobutrazol	0.002/0.004	2	0.1	ND
Chlormequat chloride	0.002/0.004	2	3	ND	Permethrins	0.002/0.01	2	1	ND
Chlorpyrifos	0.002/0.01	2	0.1	ND	Phosmet	0.002/0.002	2	0.2	ND
Clofentezine	0.002/0.002	2	0.5	ND	Piperonyl Butoxide	0.002/0.002	2	3	ND
Daminozide	0.01/0.04	2	0.1	ND	Prallethrin	0.002/0.01	2	0.4	ND
Diazinon	0.002/0.01	2	0.2	ND	Propiconazole	0.002/0.04	2	1	ND
Dichlorvos	0.002/0.04	2	0.1	ND	Propoxur	0.002/0.01	2	0.1	ND
Dimethoate	0.002/0.002	2	0.1	ND	Pyrethrins	0.001/0.013	2	1	ND
Dimethomorph	0.001/0.002	2	3	ND	Pyridaben	0.002/0.002	2	3	ND
Ethoprophos	0.002/0.01	2	0.1	ND	Spinetoram	0.001/0.003	2	3	ND
Etofenprox	0.002/0.002	2	0.1	ND	Spinosad	0.001/0.001	2	3	ND
Etoxazole	0.002/0.002	2	1.5	ND	Spiromesifen	0.002/0.002	2	3	ND
Fenhexamid	0.01/0.04	2	3	ND	Spirotetramat	0.002/0.01	2	3	ND
Fenoxycarb	0.002/0.004	2	0.1	ND	Spiroxamine	0.002/0.04	2	0.1	ND
Fenpyroximate	0.002/0.002	2	2	ND	Tebuconazole	0.01/0.04	2	1	ND
Fipronil	0.002/0.004	2	0.1	ND	Thiacloprid	0.002/0.002	2	0.1	ND
Fonicamid	0.002/0.01	2	2	ND	Thiamethoxam	0.002/0.01	2	1	ND
Fludioxonil	0.002/0.004	2	3	ND	Trifloxystrobin	0.002/0.002	2	3	ND
Hexythiazox	0.002/0.004	2	2	ND					

**Diana Asensio, M.S.**

Lab Director



**Florida**

4001 SW 47th Avenue, Suite 208  
Davie, FL 33314  
(954) 514-9343





**King Kanine**  
 150 S Pine Island  
 RD  
 Plantation, FL,  
 33324  
 833KINGPET  
 Order #: 73037  
 Retail Batch #:  
 220614C

**CERTIFICATE OF ANALYSIS**  
 ISO/IEC: 17025:2017 Accreditation #:  
 103104  
 License #: CMTL-0004

**TERPENES TOTAL**  
 GC-FID **TESTED (0.010 %)**

**Sample Prep**

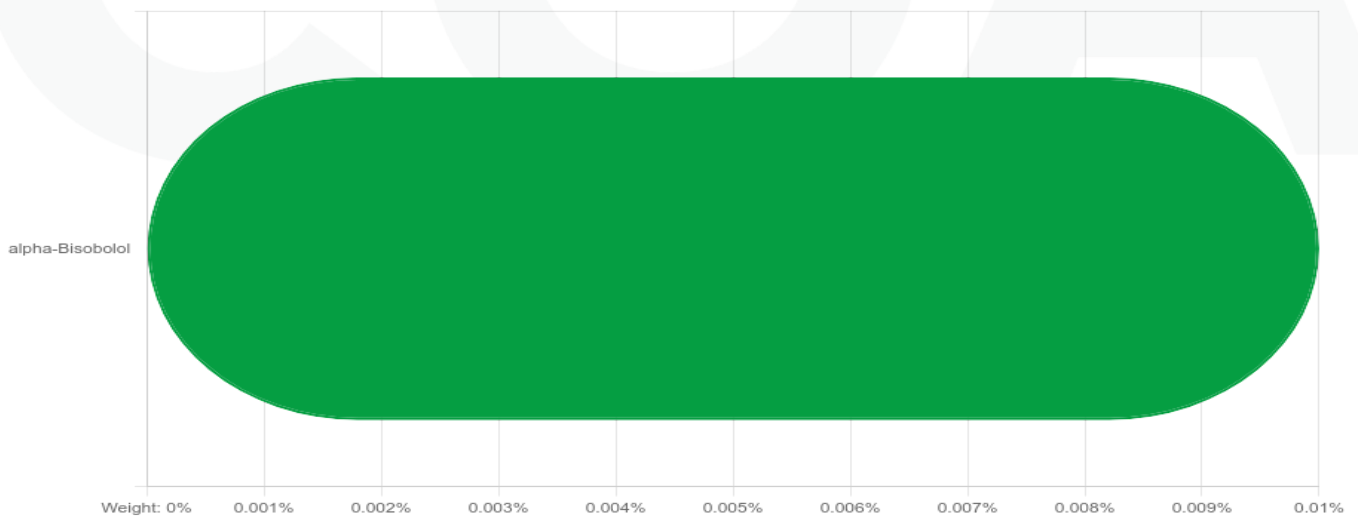
Tech: 4090  
 SOP: 421  
 Batch Number: 56813  
 Batch Date: 11/04/2022 12:43:22

**Sample Analysis**

Date/Time: 11/07/2022 16:33:34  
 Tech: 2816  
 SOP: 419  
 Final Weight: 0.401 g  
 Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.010	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	<LOQ
alpha-Humulene	0.001/0.003	1	ND	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	ND	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	ND	Limonene	0.001/0.003	1	ND
beta-Pinene	0.001/0.003	1	ND	Linalool	0.001/0.003	1	ND
Borneol	0.001/0.003	1	ND	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	ND	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	<LOQ	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	<LOQ	Terpineol	0.001/0.003	1	ND
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	ND
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	ND
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	ND
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	ND	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				

Top Terpenes



**Diana Asensio, M.S.**

Lab Director

**Florida**

4001 SW 47th Avenue, Suite 208  
 Davie, FL 33314  
 (954) 514-9343





**King Kanine**  
 150 S Pine Island  
 RD  
 Plantation, FL,  
 33324  
 833KINGPET  
 Order #: 73037  
 Retail Batch #:  
 220614C

**CERTIFICATE OF ANALYSIS**  
 ISO/IEC: 17025:2017 Accreditation #:  
 103104  
 License #: CMTL-0004

**RESIDUAL SOLVENTS**

HS-GC-MS

**PASS**

**Sample Prep**

Tech: 4245  
 SOP: 405  
 Batch Number: 56832  
 Batch Date: 11/04/2022 22:34:00

**Sample Analysis**

Date/Time: 11/07/2022 18:50:48  
 Tech: 3445  
 SOP: 405  
 Final Weight: 0.0512 g  
 Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	ND	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	ND	Methanol	6/100	1	250	<LOQ
Benzene	0.6/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.2/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	<LOQ	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	ND	Total xylenes	1.8/130	1	150	ND
Ethyl ether	6/140	1	500	ND	Trichloroethylene	0.3/1	1	25	ND
Ethylene oxide	0.6/2	1	5	ND					

**HEAVY METAL ANALYSIS**

ICP-MS

**PASS**

**Sample Prep**

Tech: 3975  
 SOP: 428  
 Batch Number: 56784  
 Batch Date: 11/03/2022 19:36:04

**Sample Analysis**

Date/Time: 11/04/2022 14:27:41  
 Tech: 3381  
 SOP: 428  
 Final Weight: 0.2087 g  
 Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	ND
Cadmium	20/75	1	500	ND
Lead	20/75	1	500	ND
Mercury	20/75	1	3000	ND

**FILTH & FOREIGN MATERIAL ANALYSIS**

Result: **PASS**

**Sample Prep and Analysis**

Date/Time: 11/07/2022 22:38:35  
 Tech: 4090  
 SOP: 409  
 Final Weight: 22.4797 g

**Diana Asensio, M.S.**

Lab Director

**Florida**

4001 SW 47th Avenue, Suite 208  
 Davie, FL 33314  
 (954) 514-9343





**King Kanine**  
 150 S Pine Island  
 RD  
 Plantation, FL,  
 33324  
 833KINGPET  
 Order #: 73037  
 Retail Batch #:  
 220614C

**CERTIFICATE OF ANALYSIS**  
 ISO/IEC: 17025:2017 Accreditation #:  
 103104  
 License #: CMTL-0004

**MICROBIAL ANALYSIS**

**PASS**

**Sample Prep**

Tech: 4090  
 SOP: 406

Batch Number: 56822  
 Batch Date: 11/04/2022 15:22:37

Date/Time: 11/05/2022 15:16:14  
 Tech: 3571  
 SOP: 406

Final Weight: 1.0125 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	NA	NOT DETECTED	PASS

**Sample Analysis**

**Sample Prep**

Tech: 4090  
 SOP: 406

Batch Number: 56819  
 Batch Date: 11/04/2022 15:02:42

Date/Time: 11/06/2022 16:04:46  
 Tech: 2853  
 SOP: 406

Final Weight: 1.0089 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

**Sample Analysis**

**Sample Prep**

Tech: 4090  
 SOP: 406

Batch Number: 56819  
 Batch Date: 11/04/2022 15:02:42

Date/Time: 11/06/2022 16:04:46  
 Tech: 2853  
 SOP: 406

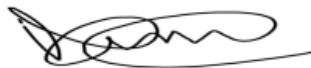
Final Weight: 1.0089 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Pathogenic e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

**Sample Analysis**

**Diana Asensio, M.S.**

Lab Director



**Florida**  
 4001 SW 47th Avenue, Suite 208  
 Davie, FL 33314  
 (954) 514-9343





**King Kanine**  
150 S Pine Island  
RD  
Plantation, FL,  
33324  
833KINGPET  
Order #: 73037  
Retail Batch #:  
220614C

### CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:  
103104  
License #: CMTL-0004

#### WATER ACTIVITY

Water Activity Meter  
**Water: 0.585 Aw**

#### Sample Prep and Analysis

**Date/Time:** 11/07/2022 22:51:39  
**Tech:** 4090  
**SOP:** 407  
**Final Weight:** 1.0379 g

#### MOISTURE ANALYSIS

**Moisture: 3.03 %**

#### Sample Prep and Analysis

**Date/Time:** 11/07/2022 22:47:37  
**Tech:** 4090  
**SOP:** 411  
**Final Weight:** 0.299 g

**Diana Asensio, M.S.**

Lab Director



**Florida**

4001 SW 47th Avenue, Suite 208  
Davie, FL 33314  
(954) 514-9343





