

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 24, 2024

SAMPLE: GOVERNMENT OASIS (FLOWER) // CLIENT: CARING KIND LLC // BATCH: PASS



BATCH NO.: GO124  
 METRC UID: 1A4060300009F12000003587  
 MATRIX: FLOWER  
 CATEGORY: INHALABLE  
 SAMPLE ID: BCL-240119-060  
 COLLECTED ON: JAN 19, 2024  
 RECEIVED ON: JAN 19, 2024  
 BATCH/SAMPLE SIZE: 2270 G / 12 G

CANNABINOID OVERVIEW

TOTAL THC:	32.55938 %
TOTAL CBD:	0.10713 %
TOTAL CANNABINOIDS <sup>††</sup> :	32.83428 %
SUM OF CANNABINOIDS <sup>†</sup> :	37.38578 %

CULTIVATOR INFO

**CULTIVATOR**  
 JADE COAST ORGANIC FARMS  
 94 HANSAN WAY  
 WASTSONVILLE, CA 95076

**LICENSE**  
 CCL19-0001268  
 ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

**DISTRIBUTOR**  
 HIGHWAY 1 DISTRIBUTION  
 1210 FAIR AVE  
 SANTA CRUZ, CA 95060

**LICENSE**  
 C11-0000239-LIC  
 ADULT-USE AND MEDICINAL -  
 DISTRIBUTOR LICENSE



BCL-28: DETERMINATION OF CANNABINOIDS CONCENTRATION BY HPLC FOR DRIED FLOWER INCLUDING NON-INFUSED PRE-ROLLS // JAN 23, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	0.0044/0.09995	N/A
CBD	ND	ND	0.0062/0.09995	N/A
CBDA	0.12215 %	1.2215 mg/g	0.0032/0.09995	N/A
CBG	0.16778 %	1.6778 mg/g	0.0058/0.09995	N/A
CBN	< LOQ	< LOQ	0.0032/0.09995	N/A
Δ <sup>8</sup> -THC	ND	ND	0.01159/0.09995	N/A
Δ <sup>9</sup> -THC	0.21395 %	2.1395 mg/g	0.0084/0.09995	N/A
THCA	36.88190 %	368.8190 mg/g	0.11994/1.999	N/A
THCV	ND	ND	0.0066/0.09995	N/A
TOT THC**	32.55938 %	325.5938 mg/g		N/A
TOT CBD**	0.10713 %	1.0713 mg/g		N/A

DRY-WEIGHT AMOUNTS SHOWN

\*\* TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

\*\* TOTAL CBD = CBD + (CBDA X 0.877)

† SUM OF CANNABINOIDS = CBC + CBD + CBDA + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV

†† TOTAL CANNABINOIDS = (CBC + CBD + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCV) + (0.877 \* (CBDA + THCA))

BCL-09: TERPENOID TESTING BY HS-GC/FID // JAN 24, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.60025 %	16.0025 mg/g		N/A
β-CARYOPHYLLENE	0.57267 %	5.7267 mg/g	0.00188/0.13712	N/A
D-LIMONENE	0.45648 %	4.5648 mg/g	0.00025/0.13712	N/A
α-HUMULENE	0.24619 %	2.4619 mg/g	0.00046/0.13712	N/A
β-MYRCENE	0.09410 %	0.9410 mg/g	0.00037/0.13712	N/A
LINALOOL	0.08341 %	0.8341 mg/g	0.00036/0.13712	N/A
β-PINENE	0.07587 %	0.7587 mg/g	0.00222/0.13712	N/A
α-PINENE	0.03867 %	0.3867 mg/g	0.00021/0.13712	N/A
α-BISABOLOL	0.03286 %	0.3286 mg/g	0.00428/0.13712	N/A
CAMPHENE	< LOQ	< LOQ	0.00021/0.13712	N/A
TERPINOLENE	< LOQ	< LOQ	0.00029/0.13712	N/A
TRANS-β-OCIMENE	< LOQ	< LOQ	0.00049/0.09461	N/A
α-TERPINENE	ND	ND	0.00029/0.13712	N/A
CIS-β-OCIMENE	ND	ND	0.00132/0.04251	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00045/0.13712	N/A
EUCALYPTOL	ND	ND	0.00046/0.13712	N/A
γ-TERPINENE	ND	ND	0.00046/0.13712	N/A
GERANIOL	ND	ND	0.00029/0.13712	N/A
GUAIOL	ND	ND	0.00268/0.13712	N/A
ISOPULEGOL	ND	ND	0.00053/0.13712	N/A
P-CYMENE	ND	ND	0.00027/0.13712	N/A



LABORATORY PERFORMED SAMPLING AS PER BCL-01 AT 1210 FAIR AVE, SANTA CRUZ, CA 95060. THE RESULTS RELATE ONLY TO THE ITEMS TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: DZOANA KLISARA, B.S.C.  
 LABORATORY DIRECTOR, BELCOSTA LABS  
 JAN 24, 2024

*Dzoana Klisara*

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JAN 23, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0244/0.07393	PASS	METALAXYL	2 µg/g	ND	0.0058/0.01757	PASS
ACEPHATE	0.1 µg/g	ND	0.01224/0.0371	PASS	METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.01993/0.06038	PASS	METHOMYL	1 µg/g	ND	0.00837/0.02537	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0043/0.01302	PASS	MEVINPHOS	Any amt	ND		PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS	MEVINPHOS I		ND	0.001/0.00303	N/A
AZOXYSTROBIN	0.1 µg/g	ND	0.00771/0.02337	PASS	MEVINPHOS II		ND	0.00529/0.01603	N/A
BIFENAZATE	0.1 µg/g	ND	0.00373/0.01131	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.01719/0.0521	PASS
BIFENTHRIN	3 µg/g	ND	0.01267/0.03839	PASS	NALED	0.1 µg/g	ND	0.01059/0.0321	PASS
BOSCALID	0.1 µg/g	ND	0.01406/0.04261	PASS	OXAMYL	0.5 µg/g	ND	0.00617/0.01869	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS	PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.01069/0.0324	PASS	PERMETHRIN CIS		ND	0.00993/0.03008	N/A
CLOFENTEZINE	0.1 µg/g	ND	0.01404/0.04256	PASS	PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS	PHOSMET	0.1 µg/g	ND	0.00601/0.01822	PASS
CYFLUTHRIN	2 µg/g	ND	0.1511/0.45788	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00261/0.00791	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00989/0.02996	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.00577/0.01747	PASS
DIAZINON	0.1 µg/g	ND	0.0027/0.00818	PASS	PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS	PYRETHRINS	0.5 µg/g	ND		PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
DIMETHOMORPH I		ND	0.00554/0.01679	N/A	PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A	PYRIDABEN	0.1 µg/g	ND	0.00388/0.01176	PASS
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS	SPINETORAM	0.1 µg/g	ND		PASS
ETOFPENPROX	Any amt	ND	0.00604/0.01831	PASS	SPINETORAM J		ND	0.00694/0.02103	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00363/0.01099	PASS	SPINETORAM L		ND	0.00902/0.02734	N/A
FENHEXAMID	0.1 µg/g	ND	0.01344/0.04073	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS	SPINOSAD A		ND	0.00799/0.02422	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00277/0.0084	PASS	SPINOSAD D		ND	0.00275/0.00834	N/A
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.00693/0.021	PASS
FLONICAMID	0.1 µg/g	ND	0.0046/0.01393	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00537/0.01627	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03245/0.09834	PASS	SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00409/0.01238	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00874/0.02647	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS	THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
IMIDACLOPRID	5 µg/g	ND	0.00796/0.02411	PASS	THIAMETHOXAM	5 µg/g	ND	0.00395/0.01196	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00989/0.02997	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00354/0.01072	PASS
MALATHION	0.5 µg/g	ND	0.00701/0.02124	PASS					

## BCL-13: PESTICIDE TESTING BY GC/MS // JAN 23, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03059/0.09265	PASS	CHLORPYRIFOS	Any amt	ND	0.01088/0.03304	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01146/0.03472	PASS
CHLORDANE CIS		ND	0.01082/0.0328	N/A	METHYL PARATHION	Any amt	ND	0.01314/0.03984	PASS
CHLORDANE TRANS		ND	0.01035/0.03129	N/A					



# REGULATORY COMPLIANCE TESTING

CHLORFENAPYR Any amt ND 0.02332/0.07061 PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.01367/0.04147 PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // JAN 20, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

## BCL-020: HEAVY METAL TESTING BY ICP-MS // JAN 20, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.001/0.05	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

## BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // JAN 21, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.63	PASS

## BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // JAN 21, 2024

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

## BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // JAN 23, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.97/5.96	N/A
AFLATOXIN B2		ND	1.32/3.99	N/A
AFLATOXIN G1		ND	1.6/4.86	N/A
AFLATOXIN G2		ND	1.46/4.44	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	1.35/4.08	PASS

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // JAN 20, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		11.90	N/A

## ACCREDITATIONS



### A2LA ACCREDITED

- BCL-02: MOISTURE CONTENT BY GRAVIMETRY
- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-05: MYCOTOXIN TESTING BY LC-MS/MS
- BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI
- BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

- BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY
- BCL-09: TERPENOID TESTING BY HS-GC/FID
- BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM
- BCL-13: PESTICIDE TESTING BY GC/MS

