

CERTIFICATE OF ANALYSIS

PRODUCED: NOV 11, 2024

SAMPLE: VANILLA ORANGES - WCC 1G LIVE RESIN CARTRIDGE (CONCENTRATE) // CLIENT: SHIELD MANAGEMENT GROUP, LLC // BATCH: PASS



BATCH NO.: VRES234999  
 METRC UID: 1A4060300009222000014653  
 MATRIX: CONCENTRATE  
 CATEGORY: INHALABLE  
 SAMPLE ID: BCL-241107-086  
 COLLECTED ON: NOV 07, 2024  
 RECEIVED ON: NOV 07, 2024  
 BATCH/SAMPLE SIZE: 2474 UNITS / 14 UNITS  
 PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	88.31683 %
TOTAL CBD:	0.25123 %
TOTAL CANNABINOIDS <sup>††</sup> :	94.52609 %
SUM OF CANNABINOIDS <sup>†</sup> :	94.52609 %

MANUFACTURER INFO

**MANUFACTURER**  
 SHIELD MANAGEMENT GROUP, LLC  
 2210 W GAYLORD ST  
 LONG BEACH, CA 90813

**LICENSE**  
 CDPH-10003818  
 ADULT-USE - MANUFACTURING  
 LICENSE

DISTRIBUTOR INFO

**DISTRIBUTOR**  
 SHIELD MANAGEMENT GROUP, LLC  
 2210 W GAYLORD ST  
 LONG BEACH, CA 90813

**LICENSE**  
 C11-0000171-LIC  
 ADULT-USE - DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // NOV 09, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	1.82791 %	18.2791 mg/g	0.02157/0.49029	N/A
CBCA	ND	ND	0.06178/0.49029	N/A
CBD	0.25123 %	2.5123 mg/g	0.0304/0.49029	N/A
CBDA	ND	ND	0.01569/0.49029	N/A
CBDV	ND	ND	0.02353/0.49029	N/A
CBDVA	ND	ND	0.01569/0.49029	N/A
CBG	2.84144 %	28.4144 mg/g	0.02844/0.49029	N/A
CBGA	ND	ND	0.01961/0.49029	N/A
CBN	0.83134 %	8.3134 mg/g	0.01569/0.49029	N/A
Δ <sup>8</sup> -THC	ND	ND	0.05687/0.49029	N/A
Δ <sup>9</sup> -THC	88.31683 %	883.1683 mg/g	0.04118/0.49029	N/A
THCA	ND	ND	0.02942/0.49029	N/A
THCV	0.45734 %	4.5734 mg/g	0.03236/0.49029	N/A
THCVA	ND	ND	0.02255/0.49029	N/A
TOT THC**	88.31683 %	883.1683 mg/g		N/A
TOT CBD**	0.25123 %	2.5123 mg/g		N/A
CBD/PKG	2.51 mg			N/A
Δ <sup>9</sup> -THC/PKG	883.17 mg			PASS
TOT THC/PKG**	883.17 mg			N/A
TOT CBD/PKG**	2.51 mg			N/A

TERPENOID TESTING BY HS-GC/FID

ANALYTE	AMT	AMT	LOD/LOQ ( )	PASS/FAIL
TOTAL TERPENES	ND	ND		N/A
α-PINENE	NT	NT		N/A
CAMPHENE	NT	NT		N/A
β-PINENE	NT	NT		N/A
β-MYRCENE	NT	NT		N/A
Δ <sup>3</sup> -CARENE	NT	NT		N/A
α-TERPINENE	NT	NT		N/A
D-LIMONENE	NT	NT		N/A
P-CYMENE	NT	NT		N/A
α-OCIMENE*	NT	NT		N/A
β-OCIMENE*	NT	NT		N/A
γ-TERPINENE	NT	NT		N/A
TERPINOLENE	NT	NT		N/A
LINALOOL	NT	NT		N/A
ISOPULEGOL	NT	NT		N/A
GERANIOL	NT	NT		N/A
β-CARYOPHYLLENE	NT	NT		N/A
α-HUMULENE	NT	NT		N/A
CIS-NEROLIDOL	NT	NT		N/A
TRANS-NEROLIDOL	NT	NT		N/A
GUAIOL	NT	NT		N/A
α-BISABOLOL	NT	NT		N/A
1,8-CINEOLE*	NT	NT		N/A

\*\* 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 + CBCA + CBD + CBDA + CBDV + CBDVA +

CBG + CBGA + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA

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

\* BEYOND SCOPE OF ACCREDITATION



# REGULATORY COMPLIANCE TESTING

LABORATORY PERFORMED SAMPLING AS PER BCL-01 AT 2210 W GAYLORD ST, LONG BEACH, CA 90813. 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.SC.  
LABORATORY DIRECTOR, BELCOSTA LABS  
NOV 11, 2024

*Dzoana Klisara*



## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // NOV 09, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.01972/0.0696	PASS
ACEPHATE	0.1 µg/g	ND	0.00862/0.0606	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00784/0.06	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00491/0.06042	PASS
ALDICARB	Any amt	ND	0.01231/0.06042	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.0059/0.06048	PASS
BIFENAZATE	0.1 µg/g	ND	0.00876/0.0603	PASS
BIFENTHRIN	3 µg/g	ND	0.00958/0.06	PASS
BOSCALID	0.1 µg/g	ND	0.0171/0.0606	PASS
CARBARYL	0.5 µg/g	ND	0.0079/0.0603	PASS
CARBOFURAN	Any amt	ND	0.00227/0.06036	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.011/0.06054	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.00507/0.0603	PASS
COUMAPHOS	Any amt	ND	0.0193/0.0684	PASS
CYFLUTHRIN	2 µg/g	ND	0.23945/0.8484	PASS
CYPERMETHRIN	1 µg/g	ND	0.07946/0.6	PASS
DAMINOZIDE	Any amt	ND	0.00625/0.0606	PASS
DIAZINON	0.1 µg/g	ND	0.00536/0.0606	PASS
DIMETHOATE	Any amt	ND	0.00621/0.0606	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00422/0.02545	N/A
DIMETHOMORPH II		ND	0.00229/0.03515	N/A
ETHOPROPHOS	Any amt	ND	0.0085/0.0606	PASS
ETOFENPROX	Any amt	ND	0.00539/0.06054	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00416/0.06036	PASS
FENHEXAMID	0.1 µg/g	ND	0.01569/0.0606	PASS
FENOXYCARB	Any amt	ND	0.00565/0.06048	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00671/0.06048	PASS
FIPRONIL	Any amt	ND	0.00911/0.0603	PASS
FLONICAMID	0.1 µg/g	ND	0.00275/0.0606	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.02537/0.09	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00585/0.0606	PASS
IMAZALIL	Any amt	ND	0.00862/0.06036	PASS
IMIDACLOPRID	5 µg/g	ND	0.00851/0.06036	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00871/0.06036	PASS
MALATHION	0.5 µg/g	ND	0.00764/0.0606	PASS
METALAXYL	2 µg/g	ND	0.00379/0.06054	PASS
METHIOCARB	Any amt	ND	0.01182/0.06042	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
METHOMYL	1 µg/g	ND	0.00504/0.06042	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.002/0.01877	N/A
MEVINPHOS II		ND	0.00532/0.04177	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.00604/0.0603	PASS
NALED	0.1 µg/g	ND	0.00848/0.05994	PASS
OXAMYL	0.5 µg/g	ND	0.0052/0.06036	PASS
PACLOBUTRAZOL	Any amt	ND	0.00849/0.06036	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.0288/0.1021	N/A
PERMETHRIN TRANS		ND	0.04398/0.15589	N/A
PHOSMET	0.1 µg/g	ND	0.00607/0.06042	PASS
PIPERONYLBUTOXIDE	3 µg/g	ND	0.00394/0.06012	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00818/0.06	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.00485/0.0603	PASS
PROPOXUR	Any amt	ND	0.0072/0.06042	PASS
PYRETHRINS	0.5 µg/g	ND		PASS
PYRETHRINS CINERIN I		ND	0.00693/0.02457	N/A
PYRETHRINS CINERIN II		ND	0.00424/0.01502	N/A
PYRETHRINS JASMOLIN I		ND	0.0017/0.01812	N/A
PYRETHRINS JASMOLIN II		ND	0.00496/0.01812	N/A
PYRETHRINS PYRETHRIN I		ND	0.02641/0.09362	N/A
PYRETHRINS PYRETHRIN II		ND	0.018/0.0638	N/A
PYRIDABEN	0.1 µg/g	ND	0.00906/0.0606	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00681/0.0156	N/A
SPINETORAM L		ND	0.00345/0.0444	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00558/0.04601	N/A
SPINOSAD D		ND	0.00123/0.01453	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.01985/0.0708	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00482/0.06054	PASS
SPIROXAMINE	Any amt	ND	0.00338/0.06018	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00726/0.0603	PASS
THIACLOPRID	Any amt	ND	0.00497/0.0603	PASS
THIAMETHOXAM	5 µg/g	ND	0.00349/0.06036	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00529/0.0603	PASS

## BCL-13: PESTICIDE TESTING BY GC/MS // NOV 09, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.0315/0.09541	PASS
CHLORDANE	Any amt	ND		PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.0112/0.03402	PASS
DICHLORVOS	Any amt	ND	0.0118/0.03576	PASS



# REGULATORY COMPLIANCE TESTING

CHLORDANE CIS	ND	0.01114/0.03378	N/A
CHLORDANE TRANS	ND	0.01066/0.03222	N/A
CHLORFENAPYR	Any amt	ND	0.02402/0.07271

METHYL PARATHION	Any amt	ND	0.01354/0.04103	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01407/0.0427	PASS

## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // NOV 10, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16863/0.58824	PASS
ACETONE	5000 µg/g	ND	18.98039/58.82353	PASS
ACETONITRILE	410 µg/g	ND	16.84314/58.82353	PASS
BENZENE	1 µg/g	ND	0.07451/0.58824	PASS
BUTANE	5000 µg/g	ND	17.76078/58.82353	PASS
CHLOROFORM	1 µg/g	ND	0.17255/0.58824	PASS
ETHANOL	5000 µg/g	< LOQ	14.56078/58.82353	PASS
ETHYL ACETATE	5000 µg/g	ND	17.98039/58.82353	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18824/0.58824	PASS
ETHYL ETHER	5000 µg/g	ND	15.83922/58.82353	PASS
HEPTANE	5000 µg/g	ND	13.85882/58.82353	PASS
HEXANE	290 µg/g	ND	21.33725/98.03922	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.70588/58.82353	PASS
METHANOL	3000 µg/g	ND	13.18824/58.82353	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14902/0.58824	PASS
PENTANE	5000 µg/g	ND	32.43137/98.03922	PASS
PROPANE	5000 µg/g	ND	16.75686/58.82353	PASS
TOLUENE	890 µg/g	ND	9.25882/58.82353	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07843/0.58824	PASS
O-XYLENE	ND	4.38431/29.41176	N/A	
P- AND M-XYLENE	ND	4.06275/29.41176	N/A	
TOTAL XYLENES	2170 µg/g	ND		PASS

## BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // NOV 09, 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 // NOV 09, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1	ND	1.19/4.22	N/A	
AFLATOXIN B2	ND	1.45/5.12	N/A	
AFLATOXIN G1	ND	1.58/5.6	N/A	
AFLATOXIN G2	ND	0.63/3	N/A	
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.63/6	PASS

## BCL-020: HEAVY METAL TESTING BY ICP-MS // NOV 08, 2024

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

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // NOV 08, 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

## ACCREDITATIONS



### A2LA ACCREDITED

- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-03: CANNABINOID POTENCY BY HPLC-UV
- 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-13: PESTICIDE TESTING BY GC/MS
- BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

