

CERTIFICATE OF ANALYSIS

PRODUCED: NOV 16, 2020

SAMPLE: WCC OG - 1G CURED PRE ROLL - GAS PACK (PRE-ROLL) // CLIENT: SHIELD MANAGEMENT GROUP, LLC // BATCH: **PASS**

BATCH NO.: RTR000670P
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-201112-077
COLLECTED ON: NOV 12, 2020
RECEIVED ON: NOV 12, 2020
BATCH SIZE: 2000 UNITS
SAMPLE SIZE: 13 UNITS
PACKAGE SIZE: 3 G

CANNABINOID OVERVIEW

TOTAL THC: 24.33841 %
TOTAL CBD: 0.12017 %
TOTAL CANNABINOIDS: 28.80616 %

MANUFACTURER INFO

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

LICENSE
 CDPH-10003818
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

DISTRIBUTOR INFO

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

LICENSE
 C11-0000171-LIC
 ADULT-USE AND MEDICINAL -
 DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // NOV 16, 2020

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.08373 %	0.8373 mg/g	0.01029/0.23395	N/A	
CBCA	0.30146 %	3.0146 mg/g	0.02948/0.23395	N/A	
CBD	ND	ND	0.0145/0.23395	N/A	
CBDA	0.13702 %	1.3702 mg/g	0.00749/0.23395	N/A	
CBDV	ND	ND	0.01123/0.23395	N/A	
CBDVA	ND	ND	0.00749/0.23395	N/A	
CBG	0.11517 %	1.1517 mg/g	0.01357/0.23395	N/A	
CBGA	0.54157 %	5.4157 mg/g	0.00936/0.23395	N/A	
CBN	0.03527 %	0.3527 mg/g	0.00749/0.23395	N/A	
Δ ⁸ -THC	ND	ND	0.02714/0.23395	N/A	
Δ ⁹ -THC	2.40161 %	24.0161 mg/g	0.01965/0.23395	N/A	
THCA	25.01345 %	250.1345 mg/g	0.01404/0.23395	N/A	
THCV	ND	ND	0.01544/0.23395	N/A	
THCVA	0.17688 %	1.7688 mg/g	0.01076/0.23395	N/A	
TOTAL THC **	24.33841 %	243.3841 mg/g		N/A	
TOTAL CBD **	0.12017 %	1.2017 mg/g		N/A	
CBD/PKG	ND			N/A	
Δ ⁹ -THC/PKG	72.05 mg			PASS	
TOTAL CBD/PKG **	3.61 mg			N/A	
TOTAL THC/PKG **	730.15 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
CAMPHERE	NT	NT		N/A
β-PINENE	NT	NT		N/A
β-MYRCENE	NT	NT		N/A
Δ ³ -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-BISABOOL	NT	NT		N/A
1,8-CINEOLE	NT	NT		N/A

** TOTAL THC = (THCA X 0.877) + THC

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

DRY-WEIGHT AMOUNTS SHOWN

REGULATORY COMPLIANCE TESTING



SAMPLE WAS TESTED AS RECEIVED. ALL LQC SAMPLES REQUIRED BY SECTION 5730 OF CALIFORNIA CODE OF REGULATIONS TITLE 16 DIVISION 42 BUREAU OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.

RESULTS CERTIFIED BY: RON BROOKS, M.S.
LABORATORY DIRECTOR, BELCOSTA LABS
NOV 16, 2020

A handwritten signature in black ink, appearing to read "Ron Brooks", located below the certification text.



BCL-13: PESTICIDE TESTING BY GC/MS // NOV 14, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.00463/0.06	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.0012/0.00744	N/A
CHLORDANE TRANS		ND	0.00085/0.00798	N/A
CHLORFENAPYR	Any amt	ND	0.01863/0.06	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.0087/0.06	PASS
DICHLORVOS	Any amt	ND	0.00168/0.06	PASS
METHYL PARATHION	Any amt	ND	0.00135/0.06	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.0107/0.06	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // NOV 14, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.00015/0.00776	PASS
ACEPHATE	0.1 µg/g	ND	0.00086/0.008	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00083/0.008	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00007/0.008	PASS
ALDICARB	Any amt	ND	0.00025/0.04	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00032/0.008	PASS
BIFENAZATE	0.1 µg/g	ND	0.00011/0.008	PASS
BIFENTHRIN	3 µg/g	ND	0.0003/0.04	PASS
BOSCALID	0.1 µg/g	ND	0.00034/0.008	PASS
CARBARYL	0.5 µg/g	ND	0.00018/0.008	PASS
CARBOFURAN	Any amt	ND	0.0004/0.008	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00009/0.008	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.00013/0.04	PASS
COUMAPHOS	Any amt	ND	0.0004/0.008	PASS
CYFLUTHRIN	2 µg/g	ND	0.00802/0.1	PASS
CYPERMETHRIN	1 µg/g	ND	0.00254/0.04	PASS
DAMINOZIDE	Any amt	ND	0.00119/0.04	PASS
DIAZINON	0.1 µg/g	ND	0.00015/0.008	PASS
DIMETHOATE	Any amt	ND	0.00005/0.008	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00011/0.00312	N/A
DIMETHOMORPH II		ND	0.00016/0.00488	N/A
ETHOPROPHOS	Any amt	ND	0.00034/0.008	PASS
ETOFENPROX	Any amt	ND	0.00022/0.008	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00006/0.008	PASS
FENHEXAMID	0.1 µg/g	ND	0.00042/0.008	PASS
FENOXYCARB	Any amt	ND	0.0004/0.02	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00015/0.008	PASS
FIPRONIL	Any amt	ND	0.00008/0.02	PASS
FLONICAMID	0.1 µg/g	ND	0.00011/0.008	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.00011/0.02	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00015/0.008	PASS
IMAZALIL	Any amt	ND	0.0006/0.008	PASS
IMIDACLOPRID	5 µg/g	ND	0.00016/0.008	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00025/0.008	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
MALATHION	0.5 µg/g	ND	0.00026/0.008	PASS
METALAXYL	2 µg/g	ND	0.00021/0.008	PASS
METHIOCARB	Any amt	ND	0.00043/0.02	PASS
METHOMYL	1 µg/g	ND	0.00025/0.008	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.00025/0.0042	N/A
MEVINPHOS II		ND	0.00079/0.0158	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.00042/0.008	PASS
NALED	0.1 µg/g	ND	0.00017/0.008	PASS
OXAMYL	0.5 µg/g	ND	0.00031/0.008	PASS
PACLOBUTRAZOL	Any amt	ND	0.00034/0.008	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00071/0.00328	N/A
PERMETHRIN TRANS		ND	0.00093/0.0118	N/A
PHOSMET	0.1 µg/g	ND	0.00014/0.008	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.0002/0.008	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00096/0.008	PASS
PROPICONAZOLE	0.1 µg/g	< LOQ	0.00028/0.008	PASS
PROPOXUR	Any amt	ND	0.00036/0.008	PASS
PYRETHRINS	0.5 µg/g	ND	0.0002/0.02	PASS
PYRIDABEN	0.1 µg/g	ND	0.00017/0.008	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00008/0.016	N/A
SPINETORAM L		ND	0.00002/0.0016	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00007/0.0144	N/A
SPINOSAD D		ND	0.00004/0.002	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.00027/0.008	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00015/0.008	PASS
SPIROXAMINE	Any amt	ND	0.00018/0.008	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00021/0.008	PASS
THIACLOPRID	Any amt	ND	0.00009/0.008	PASS
THIAMETHOXAM	5 µg/g	ND	0.00013/0.008	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.00005/0.008	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // NOV 14, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.1/0.4688	PASS
ACETONE	5000 µg/g	< LOQ	0.015/46.88	PASS
ACETONITRILE	410 µg/g	< LOQ	0.16/46.88	PASS
BENZENE	1 µg/g	ND	0.13/0.4688	PASS
BUTANE	5000 µg/g	ND	0.0086/46.88	PASS
CHLOROFORM	1 µg/g	ND	0.057/0.4688	PASS
ETHANOL	5000 µg/g	ND	0.54/46.88	PASS
ETHYL ACETATE	5000 µg/g	< LOQ	0.015/46.88	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.023/0.4688	PASS
ETHYL ETHER	5000 µg/g	ND	0.013/46.88	PASS
HEPTANE	5000 µg/g	ND	0.007/46.88	PASS
HEXANE	290 µg/g	ND	0.0058/46.88	PASS
ISOPROPYL ALCOHOL	5000 µg/g	< LOQ	0.12/46.88	PASS
METHANOL	3000 µg/g	ND	3/46.88	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.032/0.4688	PASS
PENTANE	5000 µg/g	ND	0.0049/46.88	PASS
PROPANE	5000 µg/g	ND	0.089/46.88	PASS
TOLUENE	890 µg/g	ND	0.024/46.88	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.051/0.4688	PASS
O-XYLENE		ND	0.034/23.44	N/A
P- AND M-XYLENE		ND	0.034/23.44	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // NOV 14, 2020

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	0.078	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // NOV 13, 2020

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		13.50	N/A

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // NOV 12, 2020

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

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // NOV 14, 2020

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
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // NOV 14, 2020

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.23/4	N/A
AFLATOXIN B2		ND	0.181/4	N/A
AFLATOXIN G1		ND	0.155/4	N/A
AFLATOXIN G2		ND	0.934/4	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.385/4	PASS

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // NOV 13, 2020

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.54	PASS

