

## CERTIFICATE OF ANALYSIS

PRODUCED: MAR 14, 2023

SAMPLE: HURACAN LIVE RESIN (EXTRACT) // CLIENT: COASTAL REFINEMENT SOLUTIONS // BATCH: PASS



**BATCH NO.:** CS2305  
**METRC UID:** 1A406030000827B000001366  
**MATRIX:** EXTRACT  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-230309-040  
**COLLECTED ON:** MAR 09, 2023  
**RECEIVED ON:** MAR 09, 2023  
**BATCH/SAMPLE SIZE:** 1192 UNITS / 10 UNITS  
**PACKAGE SIZE:** 1 G

### CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>76.37373 %</b>
<b>TOTAL CBD:</b>	<b>0.10743 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>89.8818 %</b>

### MANUFACTURER INFO

**MANUFACTURER**  
 COASTAL REFINEMENT SOLUTIONS  
 1636 DEL MONTE BLVD  
 SEASIDE, CA 93955

**LICENSE**  
 CDPH-10003645  
 ADULT-USE AND MEDICINAL -  
 MANUFACTURING LICENSE

### DISTRIBUTOR INFO

**DISTRIBUTOR**  
 COASTAL REFINEMENT SOLUTIONS  
 1636 DEL MONTE BLVD  
 SEASIDE, CA 93955

**LICENSE**  
 C11-0000822-LIC  
 ADULT-USE AND MEDICINAL -  
 DISTRIBUTOR LICENSE



### BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAR 10, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.022/0.5	N/A
CBCA	0.72200 %	7.2200 mg/g	0.063/0.5	N/A
CBD	ND	ND	0.031/0.5	N/A
CBDA	0.12250 %	1.2250 mg/g	0.016/0.5	N/A
CBDV	ND	ND	0.024/0.5	N/A
CBDVA	ND	ND	0.016/0.5	N/A
CBG	0.18960 %	1.8960 mg/g	0.029/0.5	N/A
CBGA	1.99330 %	19.9330 mg/g	0.02/0.5	N/A
CBN	ND	ND	0.016/0.5	N/A
Δ <sup>8</sup> -THC	ND	ND	0.058/0.5	N/A
Δ <sup>9</sup> -THC	4.07990 %	40.7990 mg/g	0.042/0.5	N/A
THCA	82.43310 %	824.3310 mg/g	0.03/0.5	N/A
THCV	ND	ND	0.033/0.5	N/A
THCVA	0.34140 %	3.4140 mg/g	0.023/0.5	N/A
TOT THC**	76.37373 %	763.7373 mg/g		N/A
TOT CBD**	0.10743 %	1.0743 mg/g		N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	40.80 mg			PASS
TOT THC/PKG**	763.74 mg			N/A
TOT CBD/PKG**	1.07 mg			N/A

### BCL-09: TERPENOID TESTING BY HS-GC/FID // MAR 12, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	11.81079 %	118.1079 mg/g		N/A
β-MYRCENE	6.94868 %	69.4868 mg/g	0.00114/0.41858	N/A
β-CARYOPHYLLENE	1.36302 %	13.6302 mg/g	0.00191/0.13953	N/A
D-LIMONENE	1.33693 %	13.3693 mg/g	0.00025/0.13953	N/A
TRANS-β-OCIMENE	0.96224 %	9.6224 mg/g	0.0005/0.09627	N/A
α-HUMULENE	0.37349 %	3.7349 mg/g	0.00047/0.13953	N/A
α-PINENE	0.36666 %	3.6666 mg/g	0.00022/0.13953	N/A
β-PINENE	0.21614 %	2.1614 mg/g	0.00226/0.13953	N/A
α-BISABOLOL	0.12623 %	1.2623 mg/g	0.00435/0.13953	N/A
LINALOOL	0.06388 %	0.6388 mg/g	0.00037/0.13953	N/A
CAMPHENE	0.02082 %	0.2082 mg/g	0.00022/0.13953	N/A
CIS-β-OCIMENE	0.01679 %	0.1679 mg/g	0.00135/0.04325	N/A
TERPINOLENE	0.01591 %	0.1591 mg/g	0.0003/0.13953	N/A
α-TERPINENE	< LOQ	< LOQ	0.0003/0.13953	N/A
γ-TERPINENE	< LOQ	< LOQ	0.00047/0.13953	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00046/0.13953	N/A
EUCALYPTOL	ND	ND	0.00047/0.13953	N/A
GERANIOL	ND	ND	0.00029/0.13953	N/A
GUAIOL	ND	ND	0.00273/0.13953	N/A
ISOPULEGOL	ND	ND	0.00054/0.13953	N/A
P-CYMENE	ND	ND	0.00027/0.13953	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)

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  
 MAR 14, 2023

*Dzoana Klisara*



## BCL-13: PESTICIDE TESTING BY GC/MS // MAR 11, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03056/0.09254	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01081/0.03277	N/A
CHLORDANE TRANS		ND	0.01034/0.03125	N/A
CHLORFENAPYR	Any amt	ND	0.0233/0.07053	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01086/0.033	PASS
DICHLORVOS	Any amt	ND	0.01144/0.03468	PASS
METHYL PARATHION	Any amt	ND	0.01313/0.03979	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01365/0.04142	PASS

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAR 11, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0244/0.07393	PASS
ACEPHATE	0.1 µg/g	ND	0.01224/0.0371	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.01993/0.06038	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0043/0.01302	PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00771/0.02337	PASS
BIFENAZATE	0.1 µg/g	ND	0.00373/0.01131	PASS
BIFENTHRIN	3 µg/g	ND	0.01267/0.03839	PASS
BOSCALID	0.1 µg/g	ND	0.01406/0.04261	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.01069/0.0324	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.01404/0.04256	PASS
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS
CYFLUTHRIN	2 µg/g	ND	0.1511/0.45788	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS
DIAZINON	0.1 µg/g	ND	0.0027/0.00818	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00554/0.01679	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS
ETOFENPROX	Any amt	ND	0.00604/0.01831	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00363/0.01099	PASS
FENHEXAMID	0.1 µg/g	ND	0.01344/0.04073	PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00277/0.0084	PASS
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS
FLONICAMID	0.1 µg/g	ND	0.0046/0.01393	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03245/0.09834	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00409/0.01238	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS
IMIDACLOPRID	5 µg/g	ND	0.00796/0.02411	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00989/0.02997	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
METALAXYL	2 µg/g	ND	0.0058/0.01757	PASS
METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
METHOMYL	1 µg/g	ND	0.00837/0.02537	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.001/0.00303	N/A
MEVINPHOS II		ND	0.00529/0.01603	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.01719/0.0521	PASS
NALED	0.1 µg/g	ND	0.01059/0.0321	PASS
OXAMYL	0.5 µg/g	ND	0.00617/0.01869	PASS
PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00993/0.03008	N/A
PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
PHOSMET	0.1 µg/g	ND	0.00601/0.01822	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.00261/0.00791	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00989/0.02996	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.00577/0.01747	PASS
PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
PYRETHRINS	0.5 µg/g	ND		PASS
PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
PYRIDABEN	0.1 µg/g	ND	0.00388/0.01176	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00694/0.02103	N/A
SPINETORAM L		ND	0.00902/0.02734	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00799/0.02422	N/A
SPINOSAD D		ND	0.00275/0.00834	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.00693/0.021	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00537/0.01627	PASS
SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00874/0.02647	PASS
THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
THIAMETHOXAM	5 µg/g	ND	0.00395/0.01196	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.00354/0.01072	PASS



MALATHION 0.5 µg/g ND 0.00701/0.02124 PASS

## BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // MAR 11, 2023

ANALYTE	LIMIT AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND 0.17173/0.59904	PASS
ACETONE	5000 µg/g	ND 19.32907/59.90415	PASS
ACETONITRILE	410 µg/g	ND 17.15256/59.90415	PASS
BENZENE	1 µg/g	ND 0.07588/0.59904	PASS
BUTANE	5000 µg/g	< LOQ 18.08706/59.90415	PASS
CHLOROFORM	1 µg/g	ND 0.17572/0.59904	PASS
ETHANOL	5000 µg/g	ND 14.82827/59.90415	PASS
ETHYL ACETATE	5000 µg/g	ND 18.3107/59.90415	PASS
ETHYLENE OXIDE	1 µg/g	ND 0.19169/0.59904	PASS
ETHYL ETHER	5000 µg/g	ND 16.13019/59.90415	PASS
HEPTANE	5000 µg/g	ND 14.11342/59.90415	PASS
HEXANE	290 µg/g	ND 21.72923/99.84026	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND 14.97604/59.90415	PASS
METHANOL	3000 µg/g	ND 13.43051/59.90415	PASS
METHYLENE CHLORIDE	1 µg/g	ND 0.15176/0.59904	PASS
PENTANE	5000 µg/g	ND 33.02716/99.84026	PASS
PROPANE	5000 µg/g	ND 17.0647/59.90415	PASS
TOLUENE	890 µg/g	ND 9.42891/59.90415	PASS
TRICHLOROETHYLENE	1 µg/g	ND 0.07987/0.59904	PASS
O-XYLENE		ND 4.46486/29.95208	N/A
P- AND M-XYLENE		ND 4.13738/29.95208	N/A
TOTAL XYLENES	2170 µg/g	ND	PASS

## BCL-020: HEAVY METAL TESTING BY ICP-MS // MAR 10, 2023

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

## ACCREDITATIONS



### A2LA ACCREDITED

- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-03: CANNABINOID POTENCY BY HPLC-UV
- 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-11: MYCOTOXIN TESTING BY LC-MS/MS
- BCL-13: PESTICIDE TESTING BY GC/MS
- BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAR 10, 2023

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-06: MICROBIOLOGICAL ANALYSIS BY QPCR // MAR 11, 2023

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-11: MYCOTOXIN TESTING BY LC-MS/MS // MAR 11, 2023

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

