

# CERTIFICATE OF ANALYSIS

\* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: NOV 15, 2023

SAMPLE: HEMPLAND ECS5 ENHANCED OIL 5000 (TINCTURE) // CLIENT: HEMPLAND USA // BATCH: PASS



MATRIX: TINCTURE  
 DENSITY: 0.9547 g/ml  
 CATEGORY: EDIBLE  
 SAMPLE ID: BCL-231114-018  
 COLLECTED ON: NOV 14, 2023  
 RECEIVED ON: NOV 14, 2023  
 SAMPLE SIZE: 1 UNITS  
 SERVING/PACKAGE SIZE: 0.9547 G / 57.282 G

## CANNABINOID OVERVIEW

<b>Δ<sup>9</sup>-THC PER SERVING:</b>	<b>2.66 mg</b>
<b>CBD PER SERVING:</b>	<b>75.15 mg</b>
<b>TOTAL CANNABINOIDS<sup>††</sup>:</b>	<b>84.08 mg</b>
<b>SUM OF CANNABINOIDS<sup>†</sup>:</b>	<b>84.11 mg</b>



POTENCY  
PASS

## BCL-03: CANNABINOID POTENCY BY HPLC-UV // NOV 15, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.18745 %	1.8745 mg/g	0.00436/0.09915	N/A
CBCA	ND	ND	0.01249/0.09915	N/A
CBD	7.87133 %	78.7133 mg/g	0.00615/0.09915	N/A
CBDa	ND	ND	0.00317/0.09915	N/A
CBDV	0.03429 %	0.3429 mg/g	0.00476/0.09915	N/A
CBDVA	ND	ND	0.00317/0.09915	N/A
CBG	0.37987 %	3.7987 mg/g	0.00575/0.09915	N/A
CBGA	ND	ND	0.00397/0.09915	N/A
CBN	0.03508 %	0.3508 mg/g	0.00317/0.09915	N/A
Δ <sup>8</sup> -THC	ND	ND	0.0115/0.09915	N/A
Δ <sup>9</sup> -THC	0.27835 %	2.7835 mg/g	0.00833/0.09915	N/A
THCA	0.02370 %	0.2370 mg/g	0.00595/0.09915	N/A
THCV	ND	ND	0.00654/0.09915	N/A
THCVA	ND	ND	0.00456/0.09915	N/A
TOT THC**	0.29913 %	2.9913 mg/g		N/A
TOT CBD**	7.87133 %	78.7133 mg/g		N/A
CBD/SRV	75.15 mg			N/A
Δ <sup>9</sup> -THC/SRV	2.66 mg			N/A
TOT THC/SRV**	2.86 mg			N/A
TOT CBD/SRV**	75.15 mg			N/A
CBD/PKG	4508.86 mg			N/A
Δ <sup>9</sup> -THC/PKG	159.44 mg			PASS
TOT THC/PKG**	171.35 mg			N/A
TOT CBD/PKG**	4508.86 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

\* BEYOND SCOPE OF ACCREDITATION

\*\* 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))



SAMPLE WAS TESTED AS RECEIVED. 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 15, 2023

*Dzoana Klisara*

ACCREDITATIONS



**A2LA ACCREDITED**

**BCL-03: CANNABINOID POTENCY BY HPLC-UV**

*\* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.*

