

# CERTIFICATE OF ANALYSIS

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

PRODUCED: NOV 15, 2023

SAMPLE: HEMPLAND FULL SPECTRUM HEMP 5000 (TINCTURE) // CLIENT: HEMPLAND USA // BATCH: PASS



**MATRIX:** TINCTURE  
**DENSITY:** 0.9484 g/ml  
**CATEGORY:** EDIBLE  
**SAMPLE ID:** BCL-231114-015  
**COLLECTED ON:** NOV 14, 2023  
**RECEIVED ON:** NOV 14, 2023  
**SAMPLE SIZE:** 1 UNITS  
**SERVING/PACKAGE SIZE:** 0.9484 G / 56.904 G

## CANNABINOID OVERVIEW

<b>Δ<sup>9</sup>-THC PER SERVING:</b>	<b>2.73 mg</b>
<b>CBD PER SERVING:</b>	<b>75.49 mg</b>
<b>TOTAL CANNABINOIDS<sup>††</sup>:</b>	<b>84.17 mg</b>
<b>SUM OF CANNABINOIDS<sup>†</sup>:</b>	<b>84.17 mg</b>



**POTENCY  
PASS**

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

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.19744 %	1.9744 mg/g	0.00436/0.09907	N/A
CBCA	ND	ND	0.01248/0.09907	N/A
CBD	7.96021 %	79.6021 mg/g	0.00614/0.09907	N/A
CBDA	ND	ND	0.00317/0.09907	N/A
CBDV	0.03081 %	0.3081 mg/g	0.00476/0.09907	N/A
CBDVA	ND	ND	0.00317/0.09907	N/A
CBG	0.36679 %	3.6679 mg/g	0.00575/0.09907	N/A
CBGA	ND	ND	0.00396/0.09907	N/A
CBN	0.03226 %	0.3226 mg/g	0.00317/0.09907	N/A
Δ <sup>8</sup> -THC	ND	ND	0.01149/0.09907	N/A
Δ <sup>9</sup> -THC	0.28754 %	2.8754 mg/g	0.00832/0.09907	N/A
THCA	ND	ND	0.00594/0.09907	N/A
THCV	ND	ND	0.00654/0.09907	N/A
THCVA	ND	ND	0.00456/0.09907	N/A
TOT THC**	0.28754 %	2.8754 mg/g		N/A
TOT CBD**	7.96021 %	79.6021 mg/g		N/A
CBD/SRV	75.49 mg			N/A
Δ <sup>9</sup> -THC/SRV	2.73 mg			N/A
TOT THC/SRV**	2.73 mg			N/A
TOT CBD/SRV**	75.49 mg			N/A
CBD/PKG	4529.68 mg			N/A
Δ <sup>9</sup> -THC/PKG	163.62 mg			PASS
TOT THC/PKG**	163.62 mg			N/A
TOT CBD/PKG**	4529.68 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**

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