

# CERTIFICATE OF ANALYSIS

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

PRODUCED: OCT 25, 2021

SAMPLE: EARLY BIRD (INDUSTRIAL HEMP) // CLIENT: GRUN HEIM //



**MATRIX:** INDUSTRIAL HEMP  
**SAMPLE ID:** TL-211018-009  
**COLLECTED ON:** OCT 18, 2021  
**RECEIVED ON:** OCT 18, 2021  
**SAMPLE SIZE:** 3.38 G  
**SAMPLED BY:** CLIENT  
**RECEIVED BY:** MEGAN DUSTER-MATZ

CANNABINOID OVERVIEW	
<b>TOTAL THC:</b>	<b>0.55 %</b>
<b>TOTAL CBD:</b>	<b>13.5845 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>16.5007 %</b>

ANALYTES

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)
Δ <sup>8</sup> -THC		ND	ND	0.0125/0.0250
Δ <sup>9</sup> -THC		0.0632 %	0.632 mg/g	0.0125/0.0250
THCA		0.5551 %	5.551 mg/g	0.0125/0.0250
THCV		ND	ND	0.0125/0.0250
TOTAL CBG **		0.3600 %	3.600 mg/g	
TOTAL THC **	0.3 %	0.5500 %	5.500 mg/g	
TOTAL CBD **		13.5845 %	135.845 mg/g	

SOP\_MAD\_LAB\_002: CANNABINOID POTENCY BY HPLC // OCT 21, 2021

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)
CBC		0.0480 %	0.480 mg/g	0.0125/0.0250	Δ <sup>8</sup> -THC		ND	ND	0.0125/0.0250
CBD		0.5056 %	5.056 mg/g	0.0125/0.0250	Δ <sup>9</sup> -THC		0.0632 %	0.632 mg/g	0.0125/0.0250
CBDA		14.9132 %	149.132 mg/g	0.0125/0.0250	THCA		0.5551 %	5.551 mg/g	0.0125/0.0250
CBDV		0.0093 %	0.093 mg/g	0.0125/0.0250	THCV		ND	ND	0.0125/0.0250
CBG		0.0272 %	0.272 mg/g	0.0125/0.0250	TOTAL CBG **		0.3600 %	3.600 mg/g	
CBGA		0.3791 %	3.791 mg/g	0.0125/0.0250	TOTAL THC **	0.3 %	0.5500 %	5.500 mg/g	
CBN		ND	ND	0.0125/0.0250	TOTAL CBD **		13.5845 %	135.845 mg/g	

\*\* TOTAL CBD = (CBDA X 0.877) + CBD  
 \*\* TOTAL CBG = (CBGA X 0.878) + CBG  
 \*\* TOTAL THC = (THCA X 0.877) + THC  
 DRY-WEIGHT AMOUNTS SHOWN

RESULTS CERTIFIED BY: MEGAN DUSTER-MATZ  
 LAB DIRECTOR, TELIC LABS  
 OCT 25, 2021