



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**3 TALL PINES LLC**  
W6326 COUNTY ROAD Z  
PLYMOUTH  
PLYMOUTH, WI 53073

Batch # EF-001-081222  
Batch Date: 2022-08-12  
Extracted From: Hemp

Test Reg State: Florida

Order # 3TA220817-010001  
Order Date: 2022-08-17  
Sample # AADG695

Sampling Date: 2022-08-19  
Lab Batch Date: 2022-08-19  
Completion Date: 2022-08-25

Initial Gross Weight: 41.241 g  
Net Weight: 7.655 g

Number of Units: 1  
Net Weight per Unit: 7655.000 mg



Product Image

Potency Tested

HHC Tested

## Potency 21 (LCUV)

Specimen Weight: 195.490 mg

Tested

SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1500.000	2.60E-5	0.0015	121.6000	12.1600
CBD	1500.000	1.00E-5	0.0015	91.5000	9.1500
CBN	150.000	1.40E-5	0.0015	40.5700	4.0570
CBG	150.000	2.48E-4	0.0015	26.4900	2.6490
Delta-8 THC-O Acetate	150.000	2.70E-5	0.0003	15.4800	1.5480
CBD	150.000	5.40E-5	0.0015	13.0200	1.3020
BCA	15.000	1.07E-4	0.0015	5.3780	0.5378
Delta-8 THC	15.000	4.00E-5	0.0015	3.8790	0.3879
CBC	150.000	1.80E-5	0.0015	2.4000	0.2400
THCA	15.000	3.20E-5	0.0015	2.3770	0.2377
CBNA	15.000	9.50E-5	0.0015	2.3630	0.2363
CBGA	15.000	8.00E-5	0.0015	1.8630	0.1863
CBT	15.000	2.00E-4	0.0015	1.1150	0.1115
CBDV	15.000	6.50E-5	0.0015	<LOQ	
CBDVA	15.000	1.40E-5	0.0015	<LOQ	
CBL	15.000	3.50E-5	0.0015	<LOQ	
Delta-9 THC	15.000	1.30E-5	0.0015	<LOQ	
Delta-9 THC-O Acetate	15.000	7.70E-5	0.0003	<LOQ	
Exo-THC	15.000	2.30E-4	0.0015	<LOQ	
THCV	15.000	7.00E-6	0.0015	<LOQ	
THCVA	15.000	4.70E-5	0.0015	<LOQ	

## Potency Summary

<b>Total HHC</b> 2.90100% 222.07160mg	<b>Total THC</b> 0.208% 15.920mg
<b>Total CBD</b> 9.327% 713.980mg	<b>Total CBG</b> 2.812% 215.260mg
<b>Total CBN</b> 4.264% 326.410mg	<b>Other Cannabinoids</b> 14.919% 1,142.050mg
<b>Total Cannabinoids</b> 34.432% 2,635.770mg	

Xueli Gao Lab Toxicologist  
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, + HHC Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

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## HHC

Specimen Weight: 195.490 mg

Tested  
SOP13.050 (LCMS)

Dilution Factor: 7500.000 Total/Piece (mg): 222.07155

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	18.1000	1.81	(±)-9R-hydroxy-HHC	4.5800E-7	7.5E-5	2.6700	0.267
(9S)-HHC	8.7400E-7	7.5E-5	8.2400	0.824	Total HHC		7.5E-5	29.0100	2.901

*Xueli Gao*  
Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

*Aixia Sun*  
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D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



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