



**Certificate of Analysis**

R&D

Client Information:

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

Batch # D8THCV-DI-031323-01  
Batch Date: 2023-03-13  
Extracted From: Hemp

Test Reg State: Florida

Order # 3TA230314-030001  
Order Date: 2023-03-14  
Sample # AAEF547

Sampling Date: 2023-03-16  
Lab Batch Date: 2023-03-16  
Completion Date: 2023-03-20

Initial Gross Weight: 85.572 g  
Net Weight: 84.472 g

Number of Units: 1  
Net Weight per Unit: 84472.000 mg



Product Image

**Potency Tested**

**Potency 23 (LCUV) \*\*\***  
Specimen Weight: 1542.000 mg

**Tested**  
SOP13.002 (LCUV)

**Potency Summary**

<b>Total Active THC</b> 0.039% 33.160mg	<b>Total Active CBD</b> 0.002% 1.550mg
<b>Total CBG</b> 0.311% 262.710mg	<b>Total CBN</b> 0.002% 1.690mg
<b>Other Cannabinoids</b> 0.362% 305.790mg	<b>Total Cannabinoids</b> 0.716% 604.820mg

Pieces For Panel: 10

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	2.60E-5	0.0015	3.2660	0.3266
CBG	100.000	2.48E-4	0.0015	3.1110	0.3111
Delta-9 THC	10.000	1.30E-5	0.0015	0.3930	0.0393
Delta-8 THCV	10.000	4.00E-5	0.0015	0.1960	0.0196
CBC	10.000	1.80E-5	0.0015	0.1140	0.0114
CBT	10.000	2.00E-4	0.0015	0.0420	0.0042
CBNA	10.000	9.50E-5	0.0015	0.0230	0.0023
CBD	10.000	5.40E-5	0.0015	0.0180	0.0018
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ
Delta-8-THCP	10.000	3.75E-4	0.0015	<LOQ	<LOQ
Delta-9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
Total Active CBD	1000.000			0.018	0.002
Total Active THC	1000.000			0.393	0.039

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = 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, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*\*\*\*" are not ISO/IEC 17025:2017 accredited test results.