



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 # HHC-F-100422
Batch Date: 2022-10-04
Extracted From: Hemp

Test Reg State: Florida

Order # 3TA221027-050001
Order Date: 2022-10-27
Sample # AADQ578

Sampling Date: 2022-10-29
Lab Batch Date: 2022-10-29
Completion Date: 2022-11-02

Initial Gross Weight: 36.002 g
Net Weight: 4.558 g

Number of Units: 1
Net Weight per Unit: 7.000 g



Potency
Tested

HHCP
Tested

Product Image

Potency 21 (LCUV)

Specimen Weight: 196.340 mg

Tested
SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1500.000	1.00E-5	0.0015	122.3000	12.2300
Delta-8 THC	1500.000	2.60E-5	0.0015	110.6000	11.0600
CBG	150.000	2.48E-4	0.0015	24.6600	2.4660
CBN	150.000	1.40E-5	0.0015	17.2400	1.7240
CBD	150.000	5.40E-5	0.0015	14.3600	1.4360
CBCA	15.000	1.07E-4	0.0015	7.5740	0.7574
CBC	150.000	1.80E-5	0.0015	6.4200	0.6420
THCA-A	15.000	3.20E-5	0.0015	3.4960	0.3496
CBNA	15.000	9.50E-5	0.0015	2.5900	0.2590
CBGA	15.000	8.00E-5	0.0015	2.5710	0.2571
Delta-8 THCV	15.000	4.00E-5	0.0015	2.4430	0.2443
CBT	15.000	2.00E-4	0.0015	1.8310	0.1831
CBDVA	15.000	1.40E-5	0.0015	0.5460	0.0546
THCV	15.000	7.00E-6	0.0015	0.2900	0.0290
CBDV	15.000	6.50E-5	0.0015	<LOQ	
CBL	15.000	3.50E-5	0.0015	<LOQ	
Delta-8 THC-O Acetate	15.000	2.70E-5	0.0003	<LOQ	
Delta-9 THC	150.000	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	
THCVA	15.000	4.70E-5	0.0015	<LOQ	

Potency Summary

0.361% Total HHC	25.240mg	0.307% Total Active THC	21.460mg
12.162% Total Active CBD	851.320mg	2.691% Total CBG	188.370mg
1.951% Total CBN	136.570mg	12.870% Other Cannabinoids	900.900mg
30.342% Total Cannabinoids	2,123.940mg		

Xueli Gao
Lab Toxicologist
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Aixia Sun
Lab Director/Principal Scientist
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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 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 = Delta8a10a-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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HHCP **HHCP** **Tested**
SOP13.050 (LCMS)

Specimen Weight: 196.340 mg

Dilution Factor: 7500.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	1.6500	0.165	9(S)-HHCP	2.5500E-6	7.5E-5	<LOQ	
(9S)-HHC	8.7400E-7	7.5E-5	0.4860	0.0486	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9β-hydroxy-HHC	4.5800E-7	7.5E-5	1.4700	0.147	Total HHC			3.6060	0.3606
9(R)-HHC	3.0900E-6	7.5E-5	<LOQ						

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