



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 # D10-F-093022
Batch Date: 2022-09-30
Extracted From: Hemp

Test Reg State: Florida

Order # 3TA221027-050001
Order Date: 2022-10-27
Sample # AADQ580

Sampling Date: 2022-10-29
Lab Batch Date: 2022-10-29
Completion Date: 2022-11-03

Initial Gross Weight: 38.099 g
Net Weight: 4.209 g

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



Potency
Tested

Product Image

Delta 8/Delta 10 Potency
13 - (LCUV) + Potency 21
(LCUV)

Tested
SOP13.002 (LCUV)

Specimen Weight: 205.840 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1500.000	2.60E-5	0.0015	139.7400	13.9740
CBDA	1500.000	1.00E-5	0.0015	125.2100	12.5210
CBD	1500.000	5.40E-5	0.0015	20.1300	2.0130
CBN	1500.000	1.40E-5	0.0015	11.6000	1.1600
Delta6a10a-THC	1500.000	8.47E-5	0.0015	4.420	0.442
THCA-A	1500.000	3.20E-5	0.0015	3.1700	0.3170
CBNA	15.000	9.50E-5	0.0015	2.3970	0.2397
CBGA	1500.000	8.00E-5	0.0015	2.1000	0.2100
CBC	1500.000	1.80E-5	0.0015	2.0500	0.2050
Delta-10 THC	1500.000	3.00E-6	0.0015	0.132	0.132
Delta-8 THCV	15.000	4.00E-5	0.0015	0.7930	0.0793
CBG	1500.000	2.48E-4	0.0015	0.6600	0.0660
THCV	1500.000	7.00E-6	0.0015	0.6400	0.0640
CBDVA	15.000	1.40E-5	0.0015	0.4540	0.0454
CBDV	1500.000	6.50E-5	0.0015	<LOQ	
Delta-9 THC	1500.000	1.30E-5	0.0015	<LOQ	
CBCA	15.000	1.07E-4	0.0015	<LOQ	
CBL	15.000	3.50E-5	0.0015	<LOQ	
CBT	15.000	2.00E-4	0.0015	<LOQ	
Delta-8 THC-O Acetate	15.000	2.70E-5	0.0003	<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

13.974% Total Delta 8	978.18mg	0.132% Total Delta 10	9.240mg
0.278% Total Active THC	19.46mg	12.994% Total Active CBD	909.58mg
0.250% Total CBG	17.5mg	1.370% Total CBN	95.9mg
0.830% Other Cannabinoids	58.1mg	31.6% Total Cannabinoids	2212.028mg

Summary Results determined from two distinct Potency Tests - Delta 8/Delta 10 Potency 13 - (LCUV) + Potency 21 (LCUV)

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 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 = 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, 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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