



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

Tranquil Earth CBD
130 Oak Park Dr. STE-A
Mooresville, NC 28115

Batch # T8BD397/A1
Batch Date: 2021-03-10
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Airlie cbd

Order # AIR210310-020118
Order Date: 2021-03-10
Sample # AAB8864

Sampling Date: 2021-03-11
Lab Batch Date: 2021-03-11
Completion Date: 2021-05-04

Initial Gross Weight: 164.115 g



Product Image

Potency
Tested



Delta 8/Delta 10 Potency

12

Specimen Weight: 47.200 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	909.100	90.910
CBN	10.000	0.000014	0.001	0.837	0.084
CBD	10.000	0.000054	0.001	0.584	0.058
CBC	10.000	0.000018	0.001		<LOQ
Delta-9 THC	10.000	0.000013	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.000001	0.001		<LOQ
Delta-10 THC	10.000	0.000003	0.001		<LOQ

Tested (LCUV)



Potency Summary

Total THC None Detected	Total CBD 0.058%
Total CBG None Detected	Total CBN 0.084%
Other Cannabinoids 90.910%	Total Cannabinoids 91.052%

Xueli Gao
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Lab Toxicologist

Ailixia Sun
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Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCVA, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA, *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 = +/- 5%



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