



**Certificate of Analysis**  
Compliance Test

Client Information:

**SUTHERLAND CBD**  
1420 BELKNAP ST  
SUPERIOR, WI 54880

Batch # bberryccer749  
Batch Date: 2023-10-10  
Extracted From: hemp

Test Reg State: Florida

Production Facility: earth rider  
Production Date: 2023-10-10

Order # SUT231108-030001  
Order Date: 2023-11-08  
Sample # AAFA518

Sampling Date: 2023-11-09  
Lab Batch Date: 2023-11-09  
Completion Date: 2023-11-13

Volume: 355 ml

Number of Units: 1  
Net Weight per Unit: 340.194 g



Product Image

Potency  
Tested

Potency 10 - (LCMS)

Specimen Weight: 350000.000 mg

Tested

SOP13.030 (LCMS)

Potency Summary

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (µg/ml)	
Delta-9 THC	8.000	2.98E-5	7.5E-5	14.230	0.001423
CBD	8.000	3.37E-7	7.5E-5	1.600	0.00016
CBC	8.000	1.94E-6	7.5E-5	<LOQ	<LOQ
CBDA	8.000	7.78E-8	7.5E-5	<LOQ	<LOQ
CBDV	8.000	9.80E-8	7.5E-5	<LOQ	<LOQ
CBG	8.000	4.00E-7	7.5E-5	<LOQ	<LOQ
CBGA	8.000	4.71E-8	7.5E-5	<LOQ	<LOQ
CBN	8.000	1.25E-6	7.5E-5	<LOQ	<LOQ
THCA-A	8.000	1.51E-7	7.5E-5	<LOQ	<LOQ
THCV	8.000	1.24E-6	7.5E-5	<LOQ	<LOQ
Total Active CBD	8.000			1.600	0.00016
Total Active THC	8.000			14.230	0.001423

<b>Total Active THC</b> 0.001423%	5.0517mg	<b>Total Active CBD</b> 0.00016%	0.568mg
<b>Total CBG</b> -	ND	<b>Total CBN</b> -	ND
<b>Other Cannabinoids</b> -	ND	<b>Total Cannabinoids</b> 0.001583%	5.62mg

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 = THC + (THCV \* 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 THC + CBL + 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, µg/g = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Sample not received via laboratory sampling., An unknown compound found. Did not match CRM.

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.