



**Certificate of Analysis**  
Compliance Test

Client Information:

**Somnus**

5526 Cedar Street  
Roeland Park, KS 66205

Batch # 41431  
Batch Date: 2024-05-23  
Extracted From: HEMP

Test Reg State: Florida

Order # SMA240530-010002  
Order Date: 2024-05-30  
Sample # AAFQ273

Sampling Date: 2024-05-31  
Lab Batch Date: 2024-05-31  
Completion Date: 2024-06-05

Initial Gross Weight: 62.282 g  
Net Weight: 47.338 g

Number of Units: 1  
Net Weight per Unit: 4733.800 mg



Product Image



Potency  
Tested



Heavy Metals  
Passed

**Delta 8/Delta 10 Potency 13 - (LCUV)**  
Specimen Weight: 1547.500 mg

**Tested**  
SOP13.001 (LCUV)

Pieces For Panel: 10

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBN	1.40E-5	0.0015	4.130	0.413
CBDA	1.00E-5	0.0015	0.020	0.002
CBC	1.80E-5	0.0015	<LOQ	<LOQ
CBD	5.40E-5	0.0015	<LOQ	<LOQ
CBDV	6.50E-5	0.0015	<LOQ	<LOQ
CBG	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	8.00E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.0015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	3.20E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD			0.018	0.002
Total Active THC			<LOQ	<LOQ



**Potency Summary**

Total Delta 8 None Detected	Total Delta 10 None Detected
Total Active THC None Detected	Total Active CBD 0.002% 0.083 mg
Total CBG None Detected	Total CBN 0.413% 19.551 mg
Total Cannabinoids 0.415% 19.645 mg	

*Aixia Sun*  
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 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, Total Cannabinoids = Total percentage of cannabinoids within the sample, (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, (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 Sample not received via laboratory sampling. 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.

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**Heavy Metals**

Specimen Weight: 246.400 mg

Dilution Factor: 202

**Passed**

SOP13.048 (ICP-MS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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Definitions are found on page 1

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