



Certificate of Analysis

Compliance Test

Client Information:

HEMP-EMU
295 GOOLSBY BLVD
DEERFIELD BEACH, FL 33442

Batch # 1112024
Batch Date: 2024-03-08
Extracted From: Hemp

Test Reg State: Florida

Production Facility: emerald corp
Production Date: 2024-01-11

Order # HEM240405-010001
Order Date: 2024-04-05
Sample # AAFL679

Sampling Date: 2024-04-11
Lab Batch Date: 2024-04-11
Completion Date: 2024-04-17

Initial Gross Weight: 188.509 g
Net Weight: 156.909 g

Number of Units: 1
Net Weight per Unit: 156909.000 mg



Theanine-Caffeine-
Melatonin
Tested

Product Image

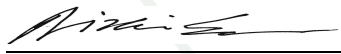
Theanine-Caffeine-Melatonin

Specimen Weight: 94.570 mg

Tested
SOP13.049 (LCMS)

Dilution Factor: 150.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Total/Piece (mg)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Total/Pieces (mg)
Caffeine	1.78E-6	0.00025	0	0	0	Melatonin	3.8E-7	0.00025	0.41400	0.0414	64.96
L-theanine	1.63E-6	0.00025	0	0	0						


Aixa 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, 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 THCV + CBL + Total THC + 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, (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. 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.