



**Certificate of Analysis**  
Compliance Test

Client Information:

**STAR MANUFACTURING**  
**EXTRACTION**  
540 B RD  
LABELLE, FL 33935

Batch # PCD323  
Batch Date: 2023-03-16  
Extracted From: N/A

Test Reg State: Florida

Order # STA230316-010001  
Order Date: 2023-03-16  
Sample # AAEF813

Sampling Date: 2023-03-17  
Lab Batch Date: 2023-03-17  
Completion Date: 2023-03-23

Initial Gross Weight: 51.471 g



Product Image

**Potency Tested**
**Heavy Metals Passed**
**Mycotoxins Passed**
**Microbiology Petrifilm Passed**

**Potency 10**  
Specimen Weight: 203.800 mg

**Tested**  
SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	15.000	5.40E-5	0.0015	59.9700	5.9970
CBG	15.000	2.48E-4	0.0015	12.7100	1.2710
CBDA	15.000	1.00E-5	0.0015	6.6220	0.6622
CBC	15.000	1.80E-5	0.0015	3.5150	0.3515
Delta-9 THC	15.000	1.30E-5	0.0015	1.8300	0.1830
CBGA	15.000	8.00E-5	0.0015	1.7040	0.1704
CBN	15.000	1.40E-5	0.0015	0.5820	0.0582
CBDV	15.000	6.50E-5	0.0015	<LOQ	<LOQ
THCA-A	15.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD	150.000			65.780	6.578
Total Active THC	150.000			1.830	0.183

**Potency Summary**

<b>Total Active THC at Dry Weight</b> 0.183%	<b>Total Active CBD at Dry Weight</b> 6.578%
<b>Total CBG</b> 1.420%	<b>Total CBN</b> 0.058%
<b>Other Cannabinoids</b> 0.352%	<b>Total Cannabinoids</b> 8.591%

Summary results above show the dry weight concentration

**Mycotoxins**  
Specimen Weight: 271.400 mg

**Passed**  
SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ
Aflatoxin G2	2.7100E-1	6	20	<LOQ
Ochratoxin A	7.5400E-1	3.8	20	<LOQ

**Microbiology (Petrifilm)**  
Specimen Weight: 1001.300 mg

**Passed**  
SOP13.003 (Petrifilm)

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Aerobic Bacteria	1000	10000	3000.000
E. Coli / Coliform	100	100	<100
Total Enterobacteriaceae	100	1000	<100
Yeast/Mold	100	1000	600.000

*Aixia Sun*  
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 = 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 = Delta8-THC + Delta9-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THC + 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 (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, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit, \*Measurement of Uncertainty = +/- 10%

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Initial Gross Weight: 51.471 g



**Heavy Metals**

Specimen Weight: 252.660 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 197

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	262.000	Lead (Pb)	11.76	100	500	218.000
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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