

DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

Compliance Test

Elm & Rye

1901 Avenue of the Stars, 2nd Floor  
Los Angeles, CA 90067

Batch # 1222002402  
Batch Date: 2022-12-21  
Extracted From: n/a

Test Reg State: Florida

Order # CRE230203-080001  
Order Date: 2023-02-03  
Sample # AAE395

Sampling Date: 2023-02-07  
Lab Batch Date: 2023-02-07  
Completion Date: 2023-02-12

Initial Gross Weight: 188.200 g  
Net Weight: 156.200 g

Number of Units: 1  
Net Weight per Unit: 156200.000 mg



Product Image

<b>Heavy Metals</b> Passed	<b>Mycotoxins</b> Passed	<b>Pesticides</b> Passed	<b>Residual Solvents</b> Passed	<b>Listeria Monocytogenes</b> Passed
<b>Microbiology (qPCR)</b> Passed				

## Residual Solvents - FL (CBD)

Specimen Weight: 10.000 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ
Acetone	0.015	2.08	5000	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ
Benzene	0.0002	0.02	2	<LOQ
Butenes	0.4167	2.5	2000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ

## Passed

SOP13.039 (GCMS)

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Heptane	0.0013	1.39	5000	<LOQ
Hexane	0.068	1.17	290	<LOQ
Isopropyl alcohol	0.0048	1.39	500	<LOQ
Methanol	0.0005	0.69	3000	<LOQ
Methylene chloride	0.0029	2.43	600	<LOQ
Pentane	0.037	2.08	5000	<LOQ
Propane	0.031	5.83	2100	<LOQ
Toluene	0.0009	2.92	890	<LOQ
Total Xylenes	0.0001	2.92	2170	<LOQ
Trichloroethylene	0.0014	0.49	80	<LOQ

Aixia Sun Lab Director/Principal Scientist  
B.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, 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. (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, (ug/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (ug/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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## Compliance Test

Batch # 1222002402  
Batch Date: 2022-12-21  
Test Reg State: Florida  
Extracted From: n/a

1901 Avenue of the Stars, 2nd Floor  
Los Angeles, CA 90067

Order # CRE230203-080001      Sampling Date: 2023-02-07      Initial Gross Weight: 188.200 g      Number of Units: 1  
Order Date: 2023-02-03      Lab Batch Date: 2023-02-07      Net Weight: 156.200 g      Net Weight per Unit: 156200.000 mg  
Sample # AAEB395      Completion Date: 2023-02-12

**Pesticides FL V4**  
Specimen Weight: 254.400 mg  
Dilution Factor: 5.900

**Passed**  
SOP13.007  
(LCMS/GCMS)



**Microbiology (qPCR)**  
Specimen Weight: 475.950 mg  
Dilution Factor: 1.000

**Passed**  
SOP13.017  
(qPCR)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Axoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocalb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentazine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxir	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethionphos	3.6000E1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E1	10	3000	<LOQ	Tebuconazole	6.7000E2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tiolfloxystrobin	3.7000E-2	30	3000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ					

Analyte	Result (cfu/g)	Remark	Analyte	Result (cfu/g)	Remark
Total Aerobic Count	Not Detected	Not Detected	Total	Not Detected	Not Detected
Total Coliform	Not Detected	Not Detected	Enterobacteriaceae	Not Detected	Not Detected
			Total Yeast/Mold	Not Detected	Not Detected



**Listeria Monocytogenes**  
Specimen Weight: 1021.200 mg  
Dilution Factor: 1.000

**Passed**  
SOP13.032  
(qPCR)

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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

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721 Cortaro Dr.  
Sun City Center, FL 33573  
www.acslabcannabis.com

Edibles  
(Ingestion)

DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**Elm & Rye**  
1901 Avenue of the Stars, 2nd Floor  
Los Angeles, CA 90067

Batch # 1222002402  
Batch Date: 2022-12-21  
Extracted From: n/a

Test Reg State: Florida

Order # CRE230203-080001  
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Sample # AAEB395

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Lab Batch Date: 202302-07  
Completion Date: 2023-02-12

Initial Gross Weight: 188.200 g  
Net Weight: 156.200 g

Number of Units: 1  
Net Weight per Unit: 156200.000 mg

### Mycotoxins

Specimen Weight: 254.400 mg  
Dilution Factor: 5.900

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E1	6	20	<LOQ	Aflatoxin G2	2.7100E1	6	20	<LOQ
Aflatoxin B2	7.7000E2	6	20	<LOQ	Ochratoxin A	7.5400E1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

### Passed

SOP13.007 (LCMS)

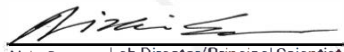
### Heavy Metals

Specimen Weight: 246.770 mg  
Dilution Factor: 202

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

### Passed

SOP13.048 (ICP-MS)

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

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**Pharma Natural, Inc.**  
 14500 NW 60th Ave, Building 7F, FI 33014 USA  
 Ph.:305 231 8877 Fax.:866 526 4796  
 www.pharmanatural.com

**CERTIFICATE OF ANALYSIS**

Product Name: Caffeine  
 Presentation: 30 Capsules per bottle  
 Serving Size: 1  
 Servings Per Unit: 30  
 Units per Run: 1,520  
 Lot Number: 13133

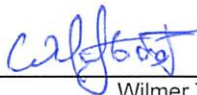
CoA Number: E&R003-2022  
 Bulk Number: BK3070  
 Manufacture Date: 05/2022  
 Expiration Date: 05/2025  
 Testing Completed: 05/26/2022  
 P.O: 1


Physical Analysis			
Test	Specification	Result	Method
Appearance and Color	Hard Gelatin Capsule "0" clear filled with white powder	Conforms	Visual, SOP 024
Disintegration	< 30 min.	3 min.	USP<2040>, SOP L048
Weight (mg)	500 mg ± 10 %	506 mg	USP<2091>, SOP L047

Chemical Analysis		
Active Ingredients per Capsule	Composition (mg)	Label Claim
Caffeine anhydrous	100	100

Microbiological Analysis			
Test	Specification	Result	Method
Rapid Aerobic Count Plate	≤ 1,000 cfu/g	< 1,000 cfu/g	USP-NF<2021>, SOP L056
Rapid Yeast & Mold Count Plate	≤ 100 cfu/g	< 100 cfu/g	USP-NF<2021>, SOP L056
<i>Escherichia coli</i>	Absence / 10g	Negative	USP-NF<2022>, SOP L056
Salmonella spp.	Absence / 10g	Negative	USP-NF<2022>, SOP L056

Prepared for: Elm & Rye

Prepared by   
 Wilmer Torres  
 QUALITY SPECIALIST  
05/27/2022  
 DATE

Approved by   
 Rosa Lydia Solis  
 QUALITY ASSURANCE MANAGER  
05/27/2022  
 DATE

FRM025.1