

1570 Seabright Ave Long Beach CA 90813
 Tel: 562-753-6700
<https://www.labplex.com>
 License: C8-0000041-LIC

Energy

Metric ID:

Sample ID: 2021-03-01-2468-8

Sample Ext ID: 446

Matrix: Ingestible

Type: Tincture

Sample Size: 30.0 gms

Batch Size: 0.0 gms

Batch ID:

Density: NT

Distributor
Caly FX

Manufacturer
Caly FX

Strain: Energy

Received: 03/01/2021

Tested: 03/01/2021



SAMPLE IMAGE



SAFETY RESULTS



Pesticides
PASS



Heavy Metals
PASS



Microbials
PASS



Mycotoxins
PASS



Residual Solvents
PASS



Foreign Material
NOT TESTED



Water Activity
TESTED



Moisture
TESTED



Terpenes
NOT TESTED

CANNABINOID PROFILE

0 mg/g
Total THC

37.920 mg/g
Total CBD
1087.77 mg/package

37.920 mg/g
Total Cannabinoids
1087.77 mg/package



| Analyte | LOQ mg/g | LOD mg/g | Percent % | Mass mg/g | |
|-----------------------------------|-------------|-------------|--------------|--------------|----------------------------------|
| Cannabidiol (CBD) | 1.000 | 0.009 | 3.792 | 37.920 | <div style="width: 100%;"></div> |
| Cannabidiolic Acid (CBDA) | 1.000 | 0.026 | ND | <1mg/g | <div style="width: 0%;"></div> |
| d9-THC (d9-THC) | 1.000 | 0.006 | ND | <1mg/g | <div style="width: 0%;"></div> |
| THCA (THCA) | 1.000 | 0.021 | ND | <1mg/g | <div style="width: 0%;"></div> |
| Cannabigerol (CBG) | 1.000 | 0.019 | ND | <1mg/g | <div style="width: 0%;"></div> |
| CBGA (CBGA) | 1.000 | 0.017 | ND | <1mg/g | <div style="width: 0%;"></div> |
| Cannabinol (CBN) | 1.000 | 0.004 | ND | <1mg/g | <div style="width: 0%;"></div> |
| Cannabichromene (CBC) | 1.000 | 0.008 | ND | <1mg/g | <div style="width: 0%;"></div> |
| d8-THC (d8-THC) | 1.000 | 0.008 | ND | <1mg/g | <div style="width: 0%;"></div> |
| TetrahydrocannabivarinAcid (THCV) | 1.000 | 0.008 | ND | <1mg/g | <div style="width: 0%;"></div> |
| Cannabidivarin (CBDV) | 1.000 | 0.014 | ND | <1mg/g | <div style="width: 0%;"></div> |
| Total | | | 3.792 | 37.920 | |

Cannabinoids test ran using test method described in SOP.TM.001 using a Shimadzu HPLC-2030C Total cannabinoid concentration (mg/g) = (cannabinoid acid form concentration (mg/g) x 0.877) + cannabinoid concentration (mg/g). Total cannabinoid concentration (mg/mL) = (cannabinoid acid form concentration (mg/mL) x 0.877) + cannabinoid concentration (mg/mL). Dry-weight percent cannabinoid = wet-weight percent cannabinoid / (1 - percent moisture / 100)

Analytical Batch:

Analysis Date: 03/03/2021

Reviewed Date: 03/04/2021

Lab Director - Jereme Hicklen
 Date: 03/04/2021

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info@relims.com

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Pesticides



| Analyte | LOD | LOQ | Limit | Mass | Status | Analyte | LOD | LOQ | Limit | Mass | Status |
|------------------|-------|-------|-------|------|--------|-------------------------|-------|-------|--------|------|--------|
| | ug/g | ug/g | | ug/g | | | ug/g | ug/g | | ug/g | |
| Propiconazole | 0.020 | 0.050 | 0.100 | ND | Pass | Boscalid | 0.020 | 0.050 | 0.100 | ND | Pass |
| Prallethrin | 0.030 | 0.050 | 0.100 | ND | Pass | Captan | 0.003 | 0.010 | 0.700 | ND | Pass |
| Aldicarb | 0.020 | 0.050 | 0.020 | ND | Pass | Carbaryl | 0.040 | 0.050 | 0.500 | ND | Pass |
| Chlorfenapyr | 0.007 | 0.020 | 0.007 | ND | Pass | Chloantraniliprole | 0.010 | 0.050 | 10.000 | ND | Pass |
| Chlorpyrifos | 0.020 | 0.050 | 0.020 | ND | Pass | Clofentezine | 0.020 | 0.050 | 0.100 | ND | Pass |
| Coumaphos | 0.020 | 0.050 | 0.020 | ND | Pass | Diazinon | 0.010 | 0.050 | 0.100 | ND | Pass |
| Daminozide | 0.020 | 0.050 | 0.020 | ND | Pass | Dimethomorph | 0.020 | 0.050 | 2.000 | ND | Pass |
| Dichlorvos | 0.020 | 0.050 | 0.020 | ND | Pass | Etoxazole | 0.010 | 0.050 | 0.100 | ND | Pass |
| Dimethoate | 0.020 | 0.050 | 0.020 | ND | Pass | Fenhexamid | 0.040 | 0.050 | 0.100 | ND | Pass |
| Ethoprophos | 0.020 | 0.050 | 0.020 | ND | Pass | Fenpyroximate | 0.020 | 0.050 | 0.100 | ND | Pass |
| Etofenprox | 0.020 | 0.050 | 0.020 | ND | Pass | Fonicamid | 0.020 | 0.050 | 0.100 | ND | Pass |
| Fenoxycarb | 0.020 | 0.050 | 0.020 | ND | Pass | Fludioxonil | 0.010 | 0.050 | 0.100 | ND | Pass |
| Fipronil | 0.020 | 0.050 | 0.020 | ND | Pass | Hexythiazox | 0.020 | 0.050 | 0.100 | ND | Pass |
| Imazalil | 0.020 | 0.050 | 0.020 | ND | Pass | Imidacloprid | 0.010 | 0.050 | 5.000 | ND | Pass |
| Methiocarb | 0.020 | 0.050 | 0.020 | ND | Pass | Kresoxym-methyl | 0.010 | 0.050 | 0.100 | ND | Pass |
| Methyl Parathion | 0.002 | 0.007 | 0.002 | ND | Pass | Malathion | 0.030 | 0.050 | 0.500 | ND | Pass |
| Paclobutrazol | 0.020 | 0.050 | 0.020 | ND | Pass | Metalaxyl | 0.010 | 0.050 | 2.000 | ND | Pass |
| Propoxur | 0.020 | 0.050 | 0.020 | ND | Pass | Methomyl | 0.010 | 0.050 | 1.000 | ND | Pass |
| Spiroxamine-1 | 0.020 | 0.050 | 0.020 | ND | Pass | Myclobutanil | 0.020 | 0.050 | 0.100 | ND | Pass |
| Thiacloprid | 0.020 | 0.050 | 0.020 | ND | Pass | Naled | 0.020 | 0.050 | 0.100 | ND | Pass |
| Abamectin | 0.040 | 0.050 | 0.100 | ND | Pass | Oxamyl | 0.010 | 0.050 | 0.500 | ND | Pass |
| Acephate | 0.020 | 0.050 | 0.100 | ND | Pass | Pentachloronitrobenzene | 0.006 | 0.017 | 0.100 | ND | Pass |
| Acequinocyl | 0.020 | 0.050 | 0.100 | ND | Pass | Phosmet | 0.020 | 0.050 | 0.100 | ND | Pass |
| Acetamiprid | 0.015 | 0.050 | 0.100 | ND | Pass | Piperonyl Butoxide | 0.020 | 0.050 | 3.000 | ND | Pass |
| Azoxystrobin | 0.010 | 0.050 | 0.100 | ND | Pass | Pyridaben | 0.010 | 0.050 | 0.100 | ND | Pass |
| Bifenazate | 0.010 | 0.050 | 0.100 | ND | Pass | Spiromefesin | 0.010 | 0.050 | 0.100 | ND | Pass |
| Bifenthrin | 0.010 | 0.050 | 3.000 | ND | Pass | Spirotetramat | 0.020 | 0.050 | 0.100 | ND | Pass |
| Chlordane | 0.005 | 0.016 | 0.005 | ND | Pass | Tebuconazole | 0.020 | 0.050 | 0.100 | ND | Pass |
| Permethrin | 0.040 | 0.050 | 0.500 | ND | Pass | Thiamethoxam | 0.020 | 0.050 | 5.000 | ND | Pass |
| Spinosyn | 0.020 | 0.050 | 0.100 | ND | Pass | Trifloxystrobin | 0.010 | 0.050 | 0.100 | ND | Pass |
| Mevinphos | 0.040 | 0.050 | 0.040 | ND | Pass | Cypermethrin | 0.005 | 0.015 | 1.000 | ND | Pass |
| Spinetoram | 0.050 | 0.050 | 0.100 | ND | Pass | Cyfluthrin | 0.005 | 0.016 | 2.000 | ND | Pass |
| | | | | | | Pyrethrin | 0.030 | 0.050 | 0.500 | ND | Pass |

Pesticides test ran using method described in SOP.TM-002 and SOP.TM-003 using both a Shimadzu GC-2030 and a Shimadzu LCMS-8060

| | | |
|--------------------------|----------------------------------|----------------------------------|
| Analytical Batch: | Analysis Date: 03/03/2021 | Reviewed Date: 03/04/2021 |
|--------------------------|----------------------------------|----------------------------------|

Lab Director - Jereme Hicklen

Date: 03/04/2021

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Residual Solvents

| Analyte | LOD | LOQ | LIMIT | Mass | Status |
|---|---------|---------|----------|------|--------|
| | ug/g | ug/g | | ug/g | |
| Benzene | 0.058 | 0.468 | 1.000 | ND | Pass |
| Butane | 114.897 | 348.172 | 5000.000 | ND | Pass |
| Chloroform | 0.114 | 0.468 | 1.000 | ND | Pass |
| 1,2-dichloroethane | 0.208 | 0.632 | 1.000 | ND | Pass |
| Ethyl ether | 25.284 | 187.500 | 5000.000 | ND | Pass |
| Ethanol | 49.775 | 187.500 | 5000.000 | ND | Pass |
| Ethyl Acetate | 43.874 | 187.500 | 5000.000 | ND | Pass |
| Heptane | 37.747 | 187.500 | 5000.000 | ND | Pass |
| n-Hexane | 22.210 | 187.500 | 290.000 | ND | Pass |
| Methanol | 106.000 | 321.212 | 3000.000 | ND | Pass |
| Methylene chloride | 0.108 | 0.468 | 1.000 | ND | Pass |
| Pentane | 62.061 | 188.064 | 5000.000 | ND | Pass |
| Propane | 54.061 | 187.500 | 5000.000 | ND | Pass |
| Toluene | 81.612 | 247.308 | 890.000 | ND | Pass |
| Trichloroethylene | 0.097 | 0.468 | 1.000 | ND | Pass |
| Ethylene oxide | 0.151 | 0.468 | 1.000 | ND | Pass |
| Isopropyl Alcohol | 47.058 | 187.500 | 5000.000 | ND | Pass |
| Acetone | 50.344 | 187.500 | 5000.000 | ND | Pass |
| Acetonitrile | 95.750 | 290.152 | 410.000 | ND | Pass |
| Total Xylenes (ortho- , meta- , para-) | 86.164 | 187.500 | 2170.000 | ND | Pass |

Residual Solvents is ran using method described in SOP.TM-005 using a Shimadzu GC-MS20

| | | |
|--------------------------|----------------------------------|----------------------------------|
| Analytical Batch: | Analysis Date: 03/03/2021 | Reviewed Date: 03/04/2021 |
|--------------------------|----------------------------------|----------------------------------|

Lab Director - Jereme Hicklen

Date: 03/04/2021

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Heavy Metals



| Analyte | LOD | LOQ | LIMIT | Result | Status |
|---------|-------|-------|-------|--------|--------|
| | ug/g | ug/g | | | |
| Hg | 0.002 | 0.064 | 0.100 | <LOQ | Pass |
| As | 0.002 | 0.160 | 0.200 | <LOQ | Pass |
| Cd | 0.001 | 0.160 | 0.200 | <LOQ | Pass |
| Pb | 0.001 | 0.320 | 0.500 | <LOQ | Pass |

Heavy Metals is ran using method described in SOP.TM-004 using a Shimadzu ICP-MS 2030

| | | |
|--------------------------|----------------------------------|----------------------------------|
| Analytical Batch: | Analysis Date: 03/02/2021 | Reviewed Date: 03/04/2021 |
|--------------------------|----------------------------------|----------------------------------|

Mycotoxins



| Analyte | LOD | LOQ | LIMIT | Result | Status |
|--------------|-------|--------|--------|--------|--------|
| | ug/Kg | ug/Kg | | ug/Kg | |
| Ochratoxin A | 4.000 | 10.000 | 20.000 | ND | Pass |
| Aflatoxin-B1 | 6.000 | 18.000 | 20.000 | ND | Pass |
| Aflatoxin-B2 | 6.000 | 18.000 | 20.000 | ND | Pass |
| Aflatoxin-G1 | 6.000 | 18.000 | 20.000 | ND | Pass |
| Aflatoxin-G2 | 6.000 | 18.000 | 20.000 | ND | Pass |

Mycotoxins are ran using method described in SOP.TM-003 using a Shimadzu LCMS-8060

| | | |
|--------------------------|----------------------------------|----------------------------------|
| Analytical Batch: | Analysis Date: 03/03/2021 | Reviewed Date: 03/04/2021 |
|--------------------------|----------------------------------|----------------------------------|

Microbials



| Analyte | Result | Pass/Fail | Status |
|--|--------------|-----------|--------|
| SALMONELLA | Not Detected | Pass | Tested |
| Shiga toxin-producing Escherichia coli | Not Detected | Pass | Tested |
| ASPERGILLUS_FLAVUS | Not Detected | Pass | Tested |
| ASPERGILLUS_FUMIGATU | Not Detected | Pass | Tested |
| ASPERGILLUS_NIGER | Not Detected | Pass | Tested |
| ASPERGILLUS_TERREUS | Not Detected | Pass | Tested |

Microbial Detection is ran using method LP-TM-008

| | | |
|--------------------------|----------------------------------|----------------------------------|
| Analytical Batch: | Analysis Date: 03/03/2021 | Reviewed Date: 03/04/2021 |
|--------------------------|----------------------------------|----------------------------------|

Lab Director - Jereme Hicklen
 Date: 03/04/2021

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