

# Fire Punch OG (0.5g)

PASS



SAMPLE ID  
213132

SAMPLE NAME  
Fire Punch OG (0.5g)

MATRIX  
Concentrate

BATCH ID  
RV356A

TRACK AND TRACE TEST PACKAGE  
1A4060300005F64000002752

TRACK AND TRACE SOURCE PACKAGE(S)  
1A4060300002EE1000006247

COLLECTED, RECEIVED  
08/12/2020 18:55, 08/13/2020 11:03

BATCH SIZE, SAMPLE SIZE  
1860 units, 36 units

PRODUCTION DATE  
08/10/2020

DISTRIBUTOR INFO  
Central Coast Ag Distribution, LLC  
1201 W. Chestnut St.  
Lompoc, CA 93436  
License: C11-0000496-LIC

MANUFACTURER INFO  
Central Coast AG Products, LLC  
1201 West Chestnut Ave.  
Lompoc, CA 93436  
License: CDPH-10003156

TOTAL  
CANNABINOIDS

86.64 %

TOTAL  
THC

83.66 %

TOTAL  
CBD

ND

TOTAL  
TERPENES

4.24 %

Chemical Residue

No Analytes Detected

PASS

Chemical Residue GC

No Analytes Detected

PASS

Residual Solvent

Isopropyl Alcohol: <LLOQ

PASS

Microbial qPCR

No Analytes Detected

PASS

Heavy Metals

No Analytes Detected

PASS

Mycotoxins

No Analytes Detected

PASS

Filth and Foreign Material

No Analytes Detected

PASS





### CANNABINOID ANALYSIS

**i** Total THC,CBD value(s) have been decarboxylated.

TOTAL THC: 836.6 mg/g (83.66 %), 418.3 mg per package  
 TOTAL CBD: ND  
 TOTAL CANNABINOIDS: 866.4 mg/g (86.64 %)

UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

| ANALYTE | RESULT                | LOD    | LLOQ   | ANALYTE | RESULT                | LOD    | LLOQ   |
|---------|-----------------------|--------|--------|---------|-----------------------|--------|--------|
| THCa    | ND                    | 0.2000 | 0.4000 | CBDv    | ND                    | 0.2000 | 0.4000 |
| D9THC   | 836.6 mg/g (83.66 %)  | 0.2000 | 0.4000 | CBGa    | ND                    | 0.2000 | 0.4000 |
| D8THC   | 2.450 mg/g (0.2450 %) | 0.2000 | 0.4000 | CBG     | 20.98 mg/g (2.098 %)  | 0.2000 | 0.4000 |
| THCv    | 4.835 mg/g (0.4835 %) | 0.2000 | 0.4000 | CBN     | 1.591 mg/g (0.1591 %) | 0.2000 | 0.4000 |
| CBDa    | ND                    | 0.2000 | 0.4000 | CBC     | ND                    | 0.2000 | 0.4000 |
| CBD     | ND                    | 0.2000 | 0.4000 |         |                       |        |        |

#### ADDITIONAL INFORMATION

Method: SOP-TECH-001  
 Instrument: UPLC-DAD

Sample Prepped 08/14/2020 10:47  
 Sample Analyzed 08/14/2020 12:00

Sample Approved 08/17/2020 17:46



### TERPENE ANALYSIS

UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

| ANALYTE          | RESULT                | LOD    | LLOQ   | ANALYTE             | RESULT                 | LOD    | LLOQ   |
|------------------|-----------------------|--------|--------|---------------------|------------------------|--------|--------|
| 3-Carene         | ND                    | 0.5000 | 1.000  | Alpha bisabolol     | ND                     | 0.5000 | 1.000  |
| Alpha cedrene    | ND                    | 0.5000 | 1.000  | Alpha humulene      | <LLOQ                  | 0.5000 | 1.000  |
| Alpha pinene     | 1.378 mg/g (0.1378 %) | 0.5000 | 1.000  | Alpha terpinene     | ND                     | 0.5000 | 1.000  |
| Alpha terpineol  | <LLOQ                 | 0.3300 | 0.6500 | Beta caryophyllene  | 4.708 mg/g (0.4708 %)  | 0.5000 | 1.000  |
| Beta myrcene     | 13.89 mg/g (1.389 %)  | 0.5000 | 1.000  | Beta pinene         | 2.321 mg/g (0.2321 %)  | 0.6100 | 1.210  |
| Borneol          | ND                    | 0.5000 | 1.000  | Camphene            | ND                     | 0.5000 | 1.000  |
| Camphor          | ND                    | 0.5000 | 1.000  | Caryophyllene oxide | ND                     | 0.5000 | 1.000  |
| Cedrol           | ND                    | 0.5000 | 1.000  | Cis nerolidol       | ND                     | 0.5000 | 1.000  |
| Eucalyptol       | ND                    | 0.5000 | 1.000  | Fenchol             | <LLOQ                  | 0.5000 | 1.000  |
| Fenchone         | ND                    | 0.5000 | 1.000  | Gamma terpinene     | ND                     | 0.5000 | 1.000  |
| Gamma terpineol  | ND                    | 0.1000 | 0.2100 | Geranyl acetate     | ND                     | 0.5000 | 1.000  |
| Guaiol           | ND                    | 0.5000 | 1.000  | Isoborneol          | ND                     | 0.5000 | 1.000  |
| Isopulegol       | ND                    | 0.5000 | 1.000  | Limonene            | 16.40 mg/g (1.640 %)   | 0.5000 | 1.000  |
| Linalool         | 1.818 mg/g (0.1818 %) | 0.5000 | 1.000  | Menthol             | ND                     | 0.5000 | 1.000  |
| Ocimene 1        | ND                    | 0.1600 | 0.3100 | Ocimene 2           | 0.8248 mg/g (0.0825 %) | 0.3500 | 0.6900 |
| P-cymene         | ND                    | 0.5200 | 1.050  | P-mentha-1,5-diene  | ND                     | 0.5000 | 1.000  |
| Pulegone         | ND                    | 0.5000 | 1.000  | Sabinene            | ND                     | 0.5000 | 1.000  |
| Sabinene hydrate | ND                    | 0.5000 | 1.000  | Terpinolene         | 1.075 mg/g (0.1075 %)  | 0.5000 | 1.000  |
| Trans geraniol   | ND                    | 0.5000 | 1.000  | Trans nerolidol     | ND                     | 0.5000 | 1.000  |
| Valencene        | ND                    | 0.5000 | 1.000  |                     |                        |        |        |



**ADDITIONAL INFORMATION**

Method: SOP-TECH-027  
Instrument: GC-MS-FID

Sample Prepped 08/16/2020 11:59  
Sample Analyzed 08/16/2020 12:00

Sample Approved 08/17/2020 17:49

 **CHEMICAL RESIDUE ANALYSIS** PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE       | RESULT | LOD    | LLOQ   | ACTION LEVEL | ANALYTE             | RESULT | LOD    | LLOQ   | ACTION LEVEL |
|---------------|--------|--------|--------|--------------|---------------------|--------|--------|--------|--------------|
| Abamectin     | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Acephate            | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Acequinocyl   | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Acetamiprid         | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Aldicarb      | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Azoxystrobin        | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Bifenazate    | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Bifenthrin          | ND     | 0.0200 | 0.0400 | 3.000 Pass   |
| Boscalid      | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Carbaryl            | ND     | 0.0200 | 0.0400 | 0.5000 Pass  |
| Carbofuran    | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Chlorantraniliprole | ND     | 0.0200 | 0.0400 | 10.00 Pass   |
| Clofentezine  | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Coumaphos           | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Cyfluthrin    | ND     | 0.4000 | 1.000  | 2.000 Pass   | Cypermethrin        | ND     | 0.4000 | 1.000  | 1.000 Pass   |
| Daminozide    | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Diazinon            | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Dichlorvos    | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Dimethoate          | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Dimethomorph  | ND     | 0.0200 | 0.0400 | 2.000 Pass   | Ethoprophos         | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Etofenprox    | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Etoazole            | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Fenhexamid    | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Fenoxycarb          | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Fenpyroximate | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Fipronil            | ND     | 0.0400 | 0.1000 | 0.0 Pass     |
| Fonicamid     | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Fludioxonil         | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Hexythiazox   | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Imazalil            | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Imidacloprid  | ND     | 0.0200 | 0.0400 | 5.000 Pass   | Kresoxim methyl     | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Malathion     | ND     | 0.0200 | 0.0400 | 0.5000 Pass  | Metalaxyl           | ND     | 0.0200 | 0.0400 | 2.000 Pass   |
| Methiocarb    | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Methomyl            | ND     | 0.0200 | 0.0400 | 1.000 Pass   |
| Mevinphos     | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Myclobutanil        | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Naled         | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Oxamyl              | ND     | 0.0200 | 0.0400 | 0.5000 Pass  |
| Paclobutrazol | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Permethrins         | ND     | 0.0400 | 0.1000 | 0.5000 Pass  |
| Phosmet       | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Piperonyl butoxide  | ND     | 0.0200 | 0.0400 | 3.000 Pass   |
| Prallethrin   | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Propiconazole       | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Propoxur      | ND     | 0.0200 | 0.0400 | 0.0 Pass     | Pyrethrins          | ND     | 0.0200 | 0.0400 | 0.5000 Pass  |
| Pyridaben     | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Spinetoram          | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Spinosad      | ND     | 0.0300 | 0.0700 | 0.1000 Pass  | Spiromesifen        | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |
| Spirotetramat | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Spiroxamine         | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Tebuconazole  | ND     | 0.0200 | 0.0400 | 0.1000 Pass  | Thiacloprid         | ND     | 0.0200 | 0.0400 | 0.0 Pass     |
| Thiamethoxam  | ND     | 0.0200 | 0.0400 | 5.000 Pass   | Trifloxystrobin     | ND     | 0.0200 | 0.0400 | 0.1000 Pass  |

**ADDITIONAL INFORMATION**

Method: SOP-TECH-002  
Instrument: LC-MS/MS

Sample Prepped 08/14/2020 13:37  
Sample Analyzed 08/14/2020 13:39

Sample Approved 08/17/2020 15:32



## CHEMICAL RESIDUE GC ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE          | RESULT | LOD    | LLOQ   | ACTION LEVEL |      | ANALYTE      | RESULT | LOD    | LLOQ   | ACTION LEVEL |      |
|------------------|--------|--------|--------|--------------|------|--------------|--------|--------|--------|--------------|------|
| Captan           | ND     | 0.1000 | 0.2000 | 0.7000       | Pass | Chlordane    | ND     | 0.0109 | 0.0136 | 0.0          | Pass |
| Methyl parathion | ND     | 0.0400 | 0.1000 | 0.0          | Pass | PCNB         | ND     | 0.0200 | 0.0400 | 0.1000       | Pass |
| Chlorfenapyr     | ND     | 0.0800 | 0.1000 | 0.0          | Pass | Chlorpyrifos | ND     | 0.0800 | 0.1000 | 0.0          | Pass |

### ADDITIONAL INFORMATION

Method: SOP-TECH-010  
Instrument: GC-MS/MS

Sample Prepped 08/14/2020 13:36  
Sample Analyzed 08/14/2020 13:39

Sample Approved 08/17/2020 17:48

## RESIDUAL SOLVENT ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE           | RESULT | LOD    | LLOQ  | ACTION LEVEL |      | ANALYTE            | RESULT | LOD    | LLOQ  | ACTION LEVEL |      |
|-------------------|--------|--------|-------|--------------|------|--------------------|--------|--------|-------|--------------|------|
| Acetone           | ND     | 5.000  | 250.0 | 5000         | Pass | Acetonitrile       | ND     | 5.000  | 50.00 | 410.0        | Pass |
| Benzene           | ND     | 0.5000 | 1.000 | 1.000        | Pass | Butane             | ND     | 76.80  | 96.00 | 5000         | Pass |
| Chloroform        | ND     | 0.5000 | 1.000 | 1.000        | Pass | Ethanol            | ND     | 10.00  | 50.00 | 5000         | Pass |
| Ethyl Acetate     | ND     | 5.000  | 50.00 | 5000         | Pass | Ethyl Ether        | ND     | 25.00  | 50.00 | 5000         | Pass |
| Ethylene oxide    | ND     | 0.5000 | 1.000 | 1.000        | Pass | Heptane            | ND     | 1.000  | 5.000 | 5000         | Pass |
| Hexane            | ND     | 0.5000 | 5.000 | 290.0        | Pass | Isopropyl Alcohol  | <LLOQ  | 5.000  | 50.00 | 5000         | Pass |
| Methanol          | ND     | 10.00  | 50.00 | 3000         | Pass | Methylene chloride | ND     | 0.5000 | 1.000 | 1.000        | Pass |
| Pentane           | ND     | 1.000  | 50.00 | 5000         | Pass | Propane            | ND     | 16.00  | 20.00 | 5000         | Pass |
| Toluene           | ND     | 0.5000 | 1.000 | 890.0        | Pass | Xylenes            | ND     | 6.000  | 100.0 | 2170         | Pass |
| Trichloroethylene | ND     | 0.2500 | 1.000 | 1.000        | Pass | 1,2-Dichloroethane | ND     | 0.5000 | 1.000 | 1.000        | Pass |

### ADDITIONAL INFORMATION

Method: SOP-TECH-021  
Instrument: HS-GC-MS/FID

Sample Prepped 08/14/2020 17:59  
Sample Analyzed 08/14/2020 17:59

Sample Approved 08/17/2020 11:23

## MICROBIAL qPCR ANALYSIS PASS

UNIT OF MEASUREMENT: Cycle Threshold (Ct)

| ANALYTE     | RESULT | LOD   | LLOQ | ACTION LEVEL |      | ANALYTE        | RESULT | LOD   | LLOQ | ACTION LEVEL |      |
|-------------|--------|-------|------|--------------|------|----------------|--------|-------|------|--------------|------|
| A.fumigatus | ND     | 33.00 | 0.0  | 0.0          | Pass | A. flavus      | ND     | 33.00 | 0.0  | 0.0          | Pass |
| A. niger    | ND     | 33.00 | 0.0  | 0.0          | Pass | A. terreus     | ND     | 33.00 | 0.0  | 0.0          | Pass |
| STEC        | ND     | 33.00 | 0.0  | 0.0          | Pass | Salmonella spp | ND     | 33.00 | 0.0  | 0.0          | Pass |

### ADDITIONAL INFORMATION

Method: SOP-TECH-016, SOP-TECH-022  
Instrument: qPCR

Sample Prepped 08/14/2020 05:33  
Sample Analyzed 08/14/2020 06:21

Sample Approved 08/14/2020 13:05



**HEAVY METALS ANALYSIS** PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE | RESULT | LOD    | LLOQ   | ACTION LEVEL |      | ANALYTE | RESULT | LOD    | LLOQ   | ACTION LEVEL |      |
|---------|--------|--------|--------|--------------|------|---------|--------|--------|--------|--------------|------|
| Arsenic | ND     | 0.0200 | 0.0500 | 0.2000       | Pass | Cadmium | ND     | 0.0050 | 0.0500 | 0.2000       | Pass |
| Lead    | ND     | 0.0100 | 0.0500 | 0.5000       | Pass | Mercury | ND     | 0.0030 | 0.0500 | 0.1000       | Pass |

**ADDITIONAL INFORMATION**

Method: SOP-TECH-013      Sample Prepped 08/17/2020 06:49      Sample Approved 08/17/2020 21:18  
 Instrument: ICP-MS      Sample Analyzed 08/17/2020 07:00

**MYCOTOXINS ANALYSIS** PASS

UNIT OF MEASUREMENT: Micrograms per Kilogram(ug/kg)

| ANALYTE          | RESULT | LOD   | LLOQ  | ACTION LEVEL |      | ANALYTE      | RESULT | LOD   | LLOQ  | ACTION LEVEL |      |
|------------------|--------|-------|-------|--------------|------|--------------|--------|-------|-------|--------------|------|
| Aflatoxin B1     | ND     | 1.000 | 2.000 | N/A          |      | Aflatoxin B2 | ND     | 2.000 | 5.000 | N/A          |      |
| Aflatoxin G1     | ND     | 2.000 | 5.000 | N/A          |      | Aflatoxin G2 | ND     | 2.000 | 5.000 | N/A          |      |
| Total Aflatoxins | ND     | 10.00 | 14.00 | 20.00        | Pass | Ochratoxin A | ND     | 1.000 | 2.000 | 20.00        | Pass |

**ADDITIONAL INFORMATION**

Method: SOP-TECH-020      Sample Prepped 08/13/2020 16:11      Sample Approved 08/15/2020 19:50  
 Instrument: LC-MS/MS      Sample Analyzed 08/13/2020 17:10

**FILTH & FOREIGN MATERIAL ANALYSIS** PASS

UNIT OF MEASUREMENT: Filth and Foreign Matter (%)

| ANALYTE  | RESULT | LOD | LLOQ | ACTION LEVEL |      | ANALYTE | RESULT | LOD | LLOQ | ACTION LEVEL |      |
|----------|--------|-----|------|--------------|------|---------|--------|-----|------|--------------|------|
| IF RH ME | ND     | 0.0 | 0.0  | 3.000        | Pass | IFM     | ND     | 0.0 | 0.0  | 25.00        | Pass |
| Mold     | ND     | 0.0 | 0.0  | 25.00        | Pass | SSCD    | ND     | 0.0 | 0.0  | 25.00        | Pass |

**ADDITIONAL INFORMATION**

Method: SOP-TECH-009      Sample Prepped 08/13/2020 13:18      Sample Approved 08/13/2020 14:27  
 Instrument: Visual Inspection      Sample Analyzed 08/13/2020 13:19

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

**THIS COA WAS REVIEWED AND APPROVED ON 08/17/2020, BY THE FOLLOWING:**



Cody Sheppard, PhD  
Co-Scientific Director



Kathryn Riker  
Quality Control Manager

