

# Galactic Punch (0.5g&1g) PASS



SAMPLE ID  
265398

SAMPLE NAME  
Galactic Punch (0.5g&1g)

MATRIX  
Concentrate

BATCH ID  
RV477

TRACK AND TRACE TEST PACKAGE  
1A4060300005F64000003549

TRACK AND TRACE SOURCE PACKAGE(S)  
1A4060300002EE1000008912  
1A4060300002EE1000008913

COLLECTED, RECEIVED  
10/28/2020 11:55, 10/29/2020 08:11

BATCH SIZE, SAMPLE SIZE  
4896 units, 24 units

MANUFACTURE DATE  
10/19/2020

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**

**91.34 %**

**TOTAL  
THC**

**88.85 %**

**TOTAL  
CBD**

**0.1294 %**

**TOTAL  
TERPENES**

**5.37 %**

**Chemical Residue**

No Analytes Detected

**PASS**

**Chemical Residue GC**

No Analytes Detected

**PASS**

**Residual Solvent**

No Analytes Detected

**PASS**

**Compliance Microbial**

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

**❗** TOTAL THC, CBD, and CANNABINOIDS value(s) have been decarboxylated.

TOTAL THC: 888.5 mg/g (88.85 %), 888.5 mg per package  
 TOTAL CBD: 1.294 mg/g (0.1294 %), 1.29 mg per package  
 TOTAL CANNABINOIDS: 913.4 mg/g (91.34 %)

**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   | 888.5 mg/g (88.85 %)   | 0.2000 | 0.4000 | CBGa    | ND                    | 0.2000 | 0.4000 |
| D8THC   | 0.8063 mg/g (0.0806 %) | 0.2000 | 0.4000 | CBG     | 18.04 mg/g (1.804 %)  | 0.2000 | 0.4000 |
| THCv    | 2.702 mg/g (0.2702 %)  | 0.2000 | 0.4000 | CBN     | 2.062 mg/g (0.2062 %) | 0.2000 | 0.4000 |
| CBDa    | ND                     | 0.2000 | 0.4000 | CBC     | ND                    | 0.2000 | 0.4000 |
| CBD     | 1.294 mg/g (0.1294 %)  | 0.2000 | 0.4000 |         |                       |        |        |

#### ADDITIONAL INFORMATION

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

Sample Prepped: 10/30/2020 14:43  
 Sample Analyzed: 10/30/2020 16:46

Sample Approved: 10/30/2020 20:38  
 Prep-Analytical Batch: 22826-17586

### 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     | <LLOQ                 | 0.5000 | 1.000  |
| Alpha cedrene        | ND                    | 0.5000 | 1.000  | Alpha humulene      | <LLOQ                 | 0.5000 | 1.000  |
| Alpha pinene         | 3.505 mg/g (0.3505 %) | 0.5000 | 1.000  | Alpha terpinene     | ND                    | 0.5000 | 1.000  |
| Alpha terpineol      | <LLOQ                 | 0.3300 | 0.6500 | Beta caryophyllene  | 4.159 mg/g (0.4159 %) | 0.5000 | 1.000  |
| Beta myrcene         | 24.86 mg/g (2.486 %)  | 0.5000 | 1.000  | Beta pinene         | 2.776 mg/g (0.2776 %) | 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               | <LLOQ                 | 0.5000 | 1.000  | Isoborneol          | ND                    | 0.5000 | 1.000  |
| Isopulegol           | ND                    | 0.5000 | 1.000  | Limonene            | 12.80 mg/g (1.280 %)  | 0.5000 | 1.000  |
| Linalool             | 1.501 mg/g (0.1501 %) | 0.5000 | 1.000  | Menthol             | ND                    | 0.5000 | 1.000  |
| Ocimene 1            | <LLOQ                 | 0.1600 | 0.3100 | Ocimene 2           | 3.062 mg/g (0.3062 %) | 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         | 1.130 mg/g (0.1130 %) | 0.5000 | 1.000  |
| Trans beta farnesene | 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: 10/29/2020 19:14  
 Sample Analyzed: 10/29/2020 19:14

Sample Approved: 10/30/2020 16:38  
 Prep-Analytical Batch: 22781-17537



### 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     | Etoxazole           | 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     |
| Flonicamid    | 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: 10/29/2020 15:38  
Sample Analyzed: 10/29/2020 15:39

Sample Approved: 10/30/2020 15:00  
Prep-Analytical Batch: 22767-17517



### 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: 10/29/2020 15:38  
Sample Analyzed: 10/29/2020 15:39

Sample Approved: 10/30/2020 11:42  
Prep-Analytical Batch: 22768-17518

### 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  | ND     | 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: 10/29/2020 15:16  
Sample Analyzed: 10/29/2020 15:28

Sample Approved: 10/30/2020 17:35  
Prep-Analytical Batch: 22753-17516

### 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: 10/30/2020 06:16  
Sample Analyzed: 10/30/2020 06:22

Sample Approved: 10/30/2020 13:24  
Prep-Analytical Batch: 22765-17541



### 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  
Instrument: ICP-MS

Sample Prepped: 10/30/2020 08:22  
Sample Analyzed: 10/30/2020 08:28

Sample Approved: 10/30/2020 15:32  
Prep-Analytical Batch: 22745-17544

### 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  
Instrument: LC-MS/MS

Sample Prepped: 10/29/2020 13:23  
Sample Analyzed: 10/29/2020 13:23

Sample Approved: 10/30/2020 13:19  
Prep-Analytical Batch: 22747-17503

### 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  
Instrument: Visual Inspection

Sample Prepped: 10/29/2020 12:20  
Sample Analyzed: 10/29/2020 12:22

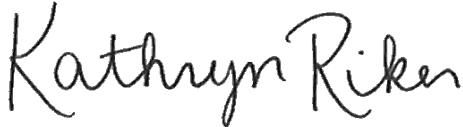
Sample Approved: 10/29/2020 12:25  
Prep-Analytical Batch: 22748-17499



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 10/30/2020 IN ACCORDANCE WITH REGULATORY REQUIREMENTS**



Kathryn Riker  
Quality Control Manager

