

# Kaleidoscope Cookies (0.5g&1g) PASS



SAMPLE ID  
223791

SAMPLE NAME  
Kaleidoscope Cookies (0.5g&1g)

MATRIX  
Concentrate

BATCH ID  
RV369

TRACK AND TRACE TEST PACKAGE  
1A4060300005F64000002840

TRACK AND TRACE SOURCE PACKAGE(S)  
1A4060300002EE1000006580  
1A4060300002EE1000006581

COLLECTED, RECEIVED  
08/19/2020 12:00, 08/20/2020 09:42

BATCH SIZE, SAMPLE SIZE  
8156 units, 24 units

PRODUCTION DATE  
08/17/2020

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**

**86.59 %**

**TOTAL  
THC**

**81.81 %**

**TOTAL  
CBD**

**ND**

**TOTAL  
TERPENES**

**5.15 %**

**Chemical Residue**

No Analytes Detected

**PASS**

**Chemical Residue GC**

No Analytes Detected

**PASS**

**Residual Solvent**

Isopropyl Alcohol: <LLOQ, Ethanol: <LLOQ

**PASS**

**Microbial qPCR**

No Analytes Detected

**PASS**

**Heavy Metals**

Lead: <LLOQ

**PASS**

**Mycotoxins**

No Analytes Detected

**PASS**

**Filth and Foreign Material**

No Analytes Detected

**PASS**



## CANNABINOID ANALYSIS

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

TOTAL THC: 818.1 mg/g (81.81 %), 818.1 mg per package  
 TOTAL CBD: ND  
 TOTAL CANNABINOIDS: 865.9 mg/g (86.59 %)

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

ANALYTE	RESULT	LOD	LLOQ
THCa	ND	0.2000	0.4000
D9THC	818.1 mg/g (81.81 %)	0.2000	0.4000
D8THC	ND	0.2000	0.4000
THCv	6.013 mg/g (0.6013 %)	0.2000	0.4000
CBDa	ND	0.2000	0.4000
CBD	ND	0.2000	0.4000

ANALYTE	RESULT	LOD	LLOQ
CBDv	ND	0.2000	0.4000
CBGa	ND	0.2000	0.4000
CBG	41.84 mg/g (4.184 %)	0.2000	0.4000
CBN	ND	0.2000	0.4000
CBC	ND	0.2000	0.4000

### ADDITIONAL INFORMATION

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

Sample Prepped 08/21/2020 10:15  
 Sample Analyzed 08/21/2020 10:16

Sample Approved 08/24/2020 10:18

## TERPENE ANALYSIS

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

ANALYTE	RESULT	LOD	LLOQ
3-Carene	ND	0.5000	1.000
Alpha cedrene	ND	0.5000	1.000
Alpha pinene	2.644 mg/g (0.2644 %)	0.5000	1.000
Alpha terpineol	<LLOQ	0.3300	0.6500
Beta myrcene	17.29 mg/g (1.729 %)	0.5000	1.000
Borneol	ND	0.5000	1.000
Camphor	ND	0.5000	1.000
Cedrol	ND	0.5000	1.000
Eucalyptol	ND	0.5000	1.000
Fenchone	ND	0.5000	1.000
Gamma terpineol	ND	0.1000	0.2100
Guaiol	ND	0.5000	1.000
Isopulegol	ND	0.5000	1.000
Linalool	1.801 mg/g (0.1801 %)	0.5000	1.000
Ocimene 1	ND	0.1600	0.3100
P-cymene	ND	0.5200	1.050
Pulegone	ND	0.5000	1.000
Sabinene hydrate	ND	0.5000	1.000
Trans geraniol	ND	0.5000	1.000
Valencene	ND	0.5000	1.000

ANALYTE	RESULT	LOD	LLOQ
Alpha bisabolol	ND	0.5000	1.000
Alpha humulene	1.110 mg/g (0.1110 %)	0.5000	1.000
Alpha terpinene	ND	0.5000	1.000
Beta caryophyllene	5.100 mg/g (0.5100 %)	0.5000	1.000
Beta pinene	2.810 mg/g (0.2810 %)	0.6100	1.210
Camphene	ND	0.5000	1.000
Caryophyllene oxide	ND	0.5000	1.000
Cis nerolidol	ND	0.5000	1.000
Fenchol	<LLOQ	0.5000	1.000
Gamma terpinene	ND	0.5000	1.000
Geranyl acetate	ND	0.5000	1.000
Isoborneol	ND	0.5000	1.000
Limonene	14.61 mg/g (1.461 %)	0.5000	1.000
Menthol	ND	0.5000	1.000
Ocimene 2	1.374 mg/g (0.1374 %)	0.3500	0.6900
P-mentha-1,5-diene	ND	0.5000	1.000
Sabinene	ND	0.5000	1.000
Terpinolene	4.752 mg/g (0.4752 %)	0.5000	1.000
Trans nerolidol	ND	0.5000	1.000



**ADDITIONAL INFORMATION**

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

Sample Prepped 08/21/2020 10:40  
Sample Analyzed 08/21/2020 11:13

Sample Approved 08/24/2020 12:31

 **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 08/24/2020 12:26  
Sample Analyzed 08/24/2020 12:31

Sample Approved 08/24/2020 20:41



**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      Sample Prepped 08/24/2020 12:25      Sample Approved 08/24/2020 20:23  
Instrument: GC-MS/MS      Sample Analyzed 08/24/2020 12:31

**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	<LLOQ	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      Sample Prepped 08/21/2020 12:01      Sample Approved 08/24/2020 11:23  
Instrument: HS-GC-MS/FID      Sample Analyzed 08/21/2020 12:35

**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      Sample Prepped 08/21/2020 05:53      Sample Approved 08/21/2020 13:26  
Instrument: qPCR      Sample Analyzed 08/21/2020 05:55

## 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	<LLOQ	0.0100	0.0500	0.5000	Pass	Mercury	ND	0.0030	0.0500	0.1000	Pass

### ADDITIONAL INFORMATION

Method: SOP-TECH-013      Sample Prepped 08/21/2020 08:49      Sample Approved 08/21/2020 15:17  
Instrument: ICP-MS      Sample Analyzed 08/21/2020 09:41

## 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 08/21/2020 08:08      Sample Approved 08/24/2020 11:30  
Instrument: LC-MS/MS      Sample Analyzed 08/21/2020 08:08

## 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 08/20/2020 15:01      Sample Approved 08/20/2020 15:08  
Instrument: Visual Inspection      Sample Analyzed 08/20/2020 15:01

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 08/24/2020, BY THE FOLLOWING:**



Cody Sheppard, PhD  
Co-Scientific Director



Kathryn Riker  
Quality Control Manager

