KeyLime (.5g & 1g) PASS

SAMPLE ID
194771

SAMPLE NAME
KeyLime (.5g & 1g)

MATRIX
Concentrate

BATCH ID
RV226

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000001972

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000003811
1A4060300002EE1000003812

COLLECTED, RECEIVED
05/22/2020 14:25, 05/26/2020 13:42

BATCH SIZE, SAMPLE SIZE
10022 units, 32 units

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 THC	84.41 %
TOTAL CBD	ND
TOTAL CANNABINOIDS	88.24 %
TOTAL TERPENES	6.91 %

Chemical Residue — PASS
No Analytes Detected

Chemical Residue GC — PASS
No Analytes Detected

Residual Solvent — PASS
Isopropyl Alcohol: 17.39 ug/g

Microbial qPCR — PASS
No Analytes Detected

Heavy Metals — PASS
Lead: <LLOQ

Mycotoxins — PASS
No Analytes Detected

Filth and Foreign Material — PASS
No Analytes Detected

CANNABINOID ANALYSIS

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

TOTAL THC:	844.1 mg/g (84.41 %), 844.1 mg per package
TOTAL CBD:	ND
TOTAL CANNABINOIDS:	882.4 mg/g (88.24 %)

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	844.1 mg/g (84.41 %)	0.2000	0.4000	CBGa	ND	0.2000	0.4000
D8THC	ND	0.2000	0.4000	CBG	31.20 mg/g (3.120 %)	0.2000	0.4000
THCv	7.054 mg/g (0.7054 %)	0.2000	0.4000	CBN	ND	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	Sample Prepped	05/27/2020 17:51	Sample Approved	05/28/2020 13:56
Instrument:	UPLC-DAD	Sample Analyzed	05/27/2020 17:57		

TERPENE ANALYSIS

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
3-Carene	0.7443 mg/g (0.0744 %)	0.0100	0.0200	Alpha bisabolol	0.1082 mg/g (0.0108 %)	0.0100	0.0200
Alpha cedrene	ND	0.0100	0.0200	Alpha humulene	0.8503 mg/g (0.0850 %)	0.0100	0.0200
Alpha pinene	1.439 mg/g (0.1439 %)	0.0100	0.0200	Alpha terpinene	0.7214 mg/g (0.0721 %)	0.0100	0.0200
Alpha terpineol	0.3822 mg/g (0.0382 %)	0.0100	0.0200	Alpha terpinolene	26.85 mg/g (2.685 %)	0.0100	0.0200
Beta caryophyllene	4.749 mg/g (0.4749 %)	0.0100	0.0200	Beta myrcene	13.39 mg/g (1.339 %)	0.0100	0.0200
Beta pinene	2.484 mg/g (0.2484 %)	0.0100	0.0200	Beta terpineol	ND	0.0100	0.0200
Borneol	0.1769 mg/g (0.0177 %)	0.0100	0.0200	Camphene	0.2667 mg/g (0.0267 %)	0.0100	0.0200
Camphor	ND	0.0100	0.0200	Caryophyllene oxide	ND	0.0100	0.0200
Cedrol	ND	0.0100	0.0200	Cis beta ocimene	1.387 mg/g (0.1387 %)	0.0100	0.0200
Cis nerolidol	ND	0.0100	0.0200	Eucalyptol	0.2114 mg/g (0.0211 %)	0.0100	0.0200
Fenchol	0.8364 mg/g (0.0836 %)	0.0100	0.0200	Fenchone	0.1547 mg/g (0.0155 %)	0.0100	0.0200
Gamma terpinene	0.4709 mg/g (0.0471 %)	0.0100	0.0200	Gamma terpineol	ND	0.0100	0.0200
Geranyl acetate	ND	0.0100	0.0200	Guaiol	ND	0.0100	0.0200
Isoborneol	ND	0.0100	0.0200	Isopulegol	ND	0.0100	0.0200
Limonene	11.92 mg/g (1.192 %)	0.0100	0.0200	Linalool	0.6453 mg/g (0.0645 %)	0.0100	0.0200
Menthol	ND	0.0100	0.0200	P-cymene	0.1446 mg/g (0.0145 %)	0.0100	0.0200
P-mentha-1,5-diene	0.7605 mg/g (0.0761 %)	0.0100	0.0200	Pulegone	ND	0.0100	0.0200
Sabinene	0.2070 mg/g (0.0207 %)	0.0100	0.0200	Sabinene hydrate	0.1546 mg/g (0.0155 %)	0.0100	0.0200
Trans beta ocimene	ND	0.0100	0.0200	Trans geraniol	0.1404 mg/g (0.0140 %)	0.0100	0.0200
Trans nerolidol	ND	0.0100	0.0200	Valencene	ND	0.0100	0.0200

ADDITIONAL INFORMATION

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

Sample Prepped 05/27/2020 13:58
Sample Analyzed 05/27/2020 13:58

Sample Approved 05/28/2020 16:53

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
Chlorfenapyr	ND	0.0400	0.1000	0.0	Pass	Chlorpyrifos	ND	0.0200	0.0400	0.0	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 05/27/2020 13:08
Sample Analyzed 05/27/2020 13:38

Sample Approved 05/28/2020 15:16

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	0.0400	0.1000	0.0	Pass
Methyl parathion	ND	0.0400	0.1000	0.0	Pass	PCNB	ND	0.0200	0.0400	0.1000	Pass

ADDITIONAL INFORMATION

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

Sample Prepped 05/27/2020 13:07
Sample Analyzed 05/27/2020 13:38

Sample Approved 05/28/2020 12:42

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	2.500	5.000	5000	Pass	Acetonitrile	ND	0.5000	1.000	410.0	Pass
Benzene	ND	0.5000	1.000	1.000	Pass	Butane	ND	24.00	48.00	5000	Pass
Chloroform	ND	0.5000	1.000	1.000	Pass	Ethanol	ND	1.000	2.500	5000	Pass
Ethyl Acetate	ND	2.500	5.000	5000	Pass	Ethyl Ether	ND	10.00	50.00	5000	Pass
Ethylene oxide	ND	0.5000	1.000	1.000	Pass	Heptane	ND	0.2500	0.5000	5000	Pass
Hexane	ND	0.2500	0.5000	290.0	Pass	Isopropyl Alcohol	17.39 ug/g	0.2500	0.5000	5000	Pass
Methanol	ND	1.000	2.500	3000	Pass	Methylene chloride	ND	0.2500	0.5000	1.000	Pass
Pentane	ND	1.000	2.500	5000	Pass	Propane	ND	5.000	10.00	5000	Pass
Toluene	ND	0.2500	0.5000	890.0	Pass	Xylenes	ND	0.5000	1.000	2170	Pass
Trichloroethylene	ND	0.2500	0.5000	1.000	Pass	1,2-Dichloroethane	ND	0.2500	0.5000	1.000	Pass

ADDITIONAL INFORMATION

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

Sample Prepped 05/27/2020 15:56
Sample Analyzed 05/27/2020 15:57

Sample Approved 05/28/2020 13:18

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 05/28/2020 06:15
Sample Analyzed 05/28/2020 06:16

Sample Approved 05/28/2020 13:31

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
Instrument: ICP-MS

Sample Prepped 05/28/2020 07:23
Sample Analyzed 05/28/2020 07:24

Sample Approved 05/28/2020 13:28

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 05/27/2020 15:42
Sample Analyzed 05/27/2020 15:42

Sample Approved 05/28/2020 10:45

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 05/27/2020 12:10
Sample Analyzed 05/27/2020 12:14

Sample Approved 05/27/2020 13:22

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 05/28/2020, BY THE FOLLOWING:

Cody Sheppard, PhD
Co-Scientific Director

Kathryn Riker
Quality Control Manager