Kosher Chemdogging (1g) PASS

SAMPLE ID
246802

SAMPLE NAME
Kosher Chemdogging (1g)

MATRIX
Concentrate

BATCH ID
LB408

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000003206

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000008077

COLLECTED, RECEIVED
09/24/2020 11:51, 09/25/2020 05:08

BATCH SIZE, SAMPLE SIZE
4300 units, 20 units

PRODUCTION DATE
09/22/2020

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	86.72 %
TOTAL THC	74.94 %
TOTAL CBD	ND
TOTAL TERPENES	3.96 %

Chemical Residue — PASS
No Analytes Detected

Chemical Residue GC — PASS
No Analytes Detected

Residual Solvent — PASS
Acetone: <LLOQ, Hexane: <LLOQ

Compliance Microbial — PASS
No Analytes Detected

Heavy Metals — PASS
Lead: <LLOQ, Cadmium: <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:	749.4 mg/g (74.94 %), 749.4 mg per package
TOTAL CBD:	ND
TOTAL CANNABINOIDS:	867.2 mg/g (86.72 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
THCa	832.9 mg/g (83.29 %)	0.2000	0.4000	CBDv	ND	0.2000	0.4000
D9THC	19.00 mg/g (1.900 %)	0.2000	0.4000	CBGa	13.25 mg/g (1.325 %)	0.2000	0.4000
D8THC	ND	0.2000	0.4000	CBG	2.078 mg/g (0.2078 %)	0.2000	0.4000
THCv	ND	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	09/25/2020 11:30	Sample Approved	09/26/2020 13:42
Instrument:	UPLC-DAD	Sample Analyzed	09/25/2020 11:34		

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	1.534 mg/g (0.1534 %)	0.5000	1.000
Alpha cedrene	ND	0.5000	1.000	Alpha humulene	2.839 mg/g (0.2839 %)	0.5000	1.000
Alpha pinene	<LLOQ	0.5000	1.000	Alpha terpinene	ND	0.5000	1.000
Alpha terpineol	0.8802 mg/g (0.0880 %)	0.3300	0.6500	Beta caryophyllene	10.19 mg/g (1.019 %)	0.5000	1.000
Beta myrcene	7.038 mg/g (0.7038 %)	0.5000	1.000	Beta pinene	<LLOQ	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	1.165 mg/g (0.1165 %)	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	1.955 mg/g (0.1955 %)	0.5000	1.000	Isoborneol	ND	0.5000	1.000
Isopulegol	ND	0.5000	1.000	Limonene	5.554 mg/g (0.5554 %)	0.5000	1.000
Linalool	2.261 mg/g (0.2261 %)	0.5000	1.000	Menthol	ND	0.5000	1.000
Ocimene 1	ND	0.1600	0.3100	Ocimene 2	1.241 mg/g (0.1241 %)	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	3.783 mg/g (0.3783 %)	0.5000	1.000
Trans beta farnesene	1.241 mg/g (0.1241 %)	0.5000	1.000	Trans geraniol	ND	0.5000	1.000
Trans nerolidol	<LLOQ	0.5000	1.000	Valencene	ND	0.5000	1.000

ADDITIONAL INFORMATION

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

Sample Prepped 09/26/2020 12:55
Sample Analyzed 09/26/2020 14:42

Sample Approved 09/28/2020 18:00

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 09/25/2020 14:39
Sample Analyzed 09/25/2020 15:00

Sample Approved 09/28/2020 16:00

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 09/25/2020 14:39
Sample Analyzed 09/25/2020 15:00

Sample Approved 09/28/2020 10:51

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	<LLOQ	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	<LLOQ	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 09/25/2020 13:16
Sample Analyzed 09/25/2020 13:17

Sample Approved 09/28/2020 11:08

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 09/28/2020 05:24
Sample Analyzed 09/28/2020 05:32

Sample Approved 09/28/2020 13:16

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	<LLOQ	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 09/25/2020 17:53
Sample Analyzed 09/26/2020 08:46

Sample Approved 09/28/2020 13:45

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 09/25/2020 11:20
Sample Analyzed 09/25/2020 11:32

Sample Approved 09/28/2020 11:25

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 09/25/2020 16:53
Sample Analyzed 09/25/2020 16:56

Sample Approved 09/25/2020 17:07

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 09/28/2020, BY THE FOLLOWING:

Cody Sheppard, PhD
Co-Scientific Director

Kathryn Riker
Quality Control Manager