

Chem Ape (.5g & 1g) PASS



SAMPLE ID
194773

SAMPLE NAME
Chem Ape (.5g & 1g)

MATRIX
Concentrate

BATCH ID
RV229

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000001974

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000003717
1A4060300002EE1000003718

COLLECTED, RECEIVED
05/22/2020 15:18, 05/26/2020 13:42

BATCH SIZE, SAMPLE SIZE
9862 units, 27 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

84.42 %

TOTAL
CBD

ND

TOTAL
CANNABINOIDS

87.28 %

TOTAL
TERPENES

4.87 %

Chemical Residue

No Analytes Detected

PASS

Chemical Residue GC

No Analytes Detected

PASS

Residual Solvent

Isopropyl Alcohol: 18.79 ug/g, Methanol: <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: 844.2 mg/g (84.42 %), 844.2 mg per package
 TOTAL CBD: ND
 TOTAL CANNABINOIDS: 872.8 mg/g (87.28 %)

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	844.2 mg/g (84.42 %)	0.2000	0.4000	CBGa	ND	0.2000	0.4000
D8THC	ND	0.2000	0.4000	CBG	24.25 mg/g (2.425 %)	0.2000	0.4000
THCv	4.334 mg/g (0.4334 %)	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
 Instrument: UPLC-DAD

Sample Prepped 05/27/2020 12:55
 Sample Analyzed 05/27/2020 13:05

Sample Approved 05/28/2020 13:42



TERPENE ANALYSIS

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
3-Carene	0.1985 mg/g (0.0199 %)	0.0100	0.0200	Alpha bisabolol	ND	0.0100	0.0200
Alpha cedrene	ND	0.0100	0.0200	Alpha humulene	0.6445 mg/g (0.0645 %)	0.0100	0.0200
Alpha pinene	1.336 mg/g (0.1336 %)	0.0100	0.0200	Alpha terpinene	0.1895 mg/g (0.0190 %)	0.0100	0.0200
Alpha terpineol	0.2305 mg/g (0.0231 %)	0.0100	0.0200	Alpha terpinolene	2.625 mg/g (0.2625 %)	0.0100	0.0200
Beta caryophyllene	4.437 mg/g (0.4437 %)	0.0100	0.0200	Beta myrcene	11.92 mg/g (1.192 %)	0.0100	0.0200
Beta pinene	2.388 mg/g (0.2388 %)	0.0100	0.0200	Beta terpineol	ND	0.0100	0.0200
Borneol	0.1722 mg/g (0.0172 %)	0.0100	0.0200	Camphene	0.3696 mg/g (0.0370 %)	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	0.9293 mg/g (0.0929 %)	0.0100	0.0200
Cis nerolidol	ND	0.0100	0.0200	Eucalyptol	0.1379 mg/g (0.0138 %)	0.0100	0.0200
Fenchol	1.022 mg/g (0.1022 %)	0.0100	0.0200	Fenchone	0.1842 mg/g (0.0184 %)	0.0100	0.0200
Gamma terpinene	0.1668 mg/g (0.0167 %)	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	19.20 mg/g (1.920 %)	0.0100	0.0200	Linalool	2.260 mg/g (0.2260 %)	0.0100	0.0200
Menthol	ND	0.0100	0.0200	P-cymene	0.1120 mg/g (0.0112 %)	0.0100	0.0200
P-mentha-1,5-diene	0.2333 mg/g (0.0233 %)	0.0100	0.0200	Pulegone	ND	0.0100	0.0200
Sabinene	ND	0.0100	0.0200	Sabinene hydrate	ND	0.0100	0.0200
Trans beta ocimene	ND	0.0100	0.0200	Trans geraniol	ND	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	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 05/27/2020 09:33
Sample Analyzed 05/27/2020 09:35

Sample Approved 05/28/2020 09:40



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 Sample Prepped 05/27/2020 09:34 Sample Approved 05/28/2020 12:27
Instrument: GC-MS/MS Sample Analyzed 05/27/2020 09:35

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	18.79 ug/g	0.2500	0.5000	5000	Pass
Methanol	<LLOQ	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 Sample Prepped 05/27/2020 15:56 Sample Approved 05/28/2020 13:18
Instrument: HS-GC-MS/FID Sample Analyzed 05/27/2020 15:57

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 05/27/2020 06:37 Sample Approved 05/27/2020 13:45
Instrument: qPCR Sample Analyzed 05/27/2020 06:44

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 05/28/2020 07:23 Sample Approved 05/28/2020 19:38
 Instrument: ICP-MS Sample Analyzed 05/28/2020 07:24

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 05/27/2020 09:35 Sample Approved 05/28/2020 15:19
 Instrument: LC-MS/MS Sample Analyzed 05/27/2020 09:35

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 05/27/2020 12:10 Sample Approved 05/27/2020 13:22
 Instrument: Visual Inspection Sample Analyzed 05/27/2020 12:14

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

