

# 4 A.M. (1g)

**PASS**



SAMPLE ID  
267770

SAMPLE NAME  
4 A.M. (1g)

MATRIX  
Concentrate

BATCH ID  
210000109

TRACK AND TRACE TEST PACKAGE  
1A4060300005F64000004616

TRACK AND TRACE SOURCE PACKAGE(S)  
1A4060300002EE1000011538

COLLECTED, RECEIVED  
03/15/2021 11:23, 03/16/2021 05:01

BATCH SIZE, SAMPLE SIZE  
4903 units, 20 units

MANUFACTURE DATE  
03/11/2021

DISTRIBUTOR INFO  
Central Coast Ag Distribution, LLC  
1201 W. Chestnut Ave.  
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**

**86.71 %**

**TOTAL  
THC**

**84.18 %**

**TOTAL  
CBD**

**ND**

**TOTAL  
TERPENES**

**3.47 %**

**Chemical Residue**

No Analytes Detected

**PASS**

**Chemical Residue GC**

No Analytes Detected

**PASS**

**Residual Solvent**

Ethanol: <LLOQ

**PASS**

**Compliance Microbial**

No Analytes Detected

**PASS**

**Heavy Metals**

Lead: <LLOQ

**PASS**

**Mycotoxins**

No Analytes Detected

**PASS**

**Filth and Foreign Material**

No Analytes Detected

**PASS**



## CANNABINOID ANALYSIS

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

TOTAL THC: 841.8 mg/g (84.18 %), 841.8 mg per package  
 TOTAL CBD: ND  
 TOTAL CANNABINOIDS: 867.1 mg/g (86.71 %)

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	841.8 mg/g (84.18 %)	0.2000	0.4000	CBGa	ND	0.2000	0.4000
D8THC	ND	0.2000	0.4000	CBG	21.60 mg/g (2.160 %)	0.2000	0.4000
THCv	3.695 mg/g (0.3695 %)	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: 03/16/2021 14:40  
 Sample Analyzed: 03/16/2021 16:09

Sample Approved: 03/17/2021 12:42  
 Prep-Analytical Batch: 27590-21927

## TERPENE ANALYSIS

TOTAL TERPENES: 34.79 mg/g (3.479 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
3-Carene	ND	1.000	2.500	Alpha bisabolol	<LLOQ	0.1000	0.5000
Alpha cedrene	ND	1.000	2.500	Alpha humulene	3.296 mg/g (0.3296 %)	0.5000	1.000
Alpha pinene	<LLOQ	0.1000	1.000	Alpha terpinene	ND	0.5000	1.000
Alpha terpineol	0.6798 mg/g (0.0680 %)	0.3260	0.6520	Beta caryophyllene	15.95 mg/g (1.595 %)	0.5000	1.000
Beta myrcene	3.557 mg/g (0.3557 %)	0.5000	1.000	Beta pinene	<LLOQ	0.6070	1.214
Borneol	ND	1.000	2.500	Camphene	ND	0.5000	1.000
Camphor	ND	0.1000	0.5000	Caryophyllene oxide	ND	0.5000	2.500
Cedrol	ND	0.5000	1.000	Cis geraniol	ND	1.000	2.500
Cis nerolidol	ND	2.500	5.000	Eucalyptol	ND	0.1000	0.5000
Fenchol	1.059 mg/g (0.1059 %)	0.5000	1.000	Fenchone	ND	0.1000	0.5000
Gamma terpinene	ND	0.1000	0.5000	Gamma terpineol	ND	0.2090	0.5230
Geranyl acetate	ND	0.1000	0.5000	Guaiol	ND	2.500	5.000
Isoborneol	ND	0.5000	1.000	Isopulegol	ND	2.500	5.000
Limonene	8.142 mg/g (0.8142 %)	0.5000	2.500	Linalool	1.449 mg/g (0.1449 %)	0.5000	1.000
Menthhol	ND	1.000	2.500	Ocimene 1	ND	0.1550	0.3100
Ocimene 2	ND	0.3450	1.725	P-cymene	ND	0.5230	1.045
P-mentha-1,5-diene	ND	0.5000	1.000	Pulegone	ND	0.1000	0.5000
Sabinene	ND	0.5000	1.000	Terpinolene	0.6632 mg/g (0.0663 %)	0.1000	0.5000
Trans beta farnesene	ND	2.500	5.000	Trans geraniol	ND	0.5000	2.500
Trans nerolidol	ND	0.5000	2.500	Valencene	ND	0.5000	1.000



**ADDITIONAL INFORMATION**

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

Sample Prepped: 03/16/2021 11:40  
Sample Analyzed: 03/16/2021 11:41

Sample Approved: 03/17/2021 16:47  
Prep-Analytical Batch: 27585-21912

 **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: 03/16/2021 10:31  
Sample Analyzed: 03/16/2021 10:31

Sample Approved: 03/17/2021 16:54  
Prep-Analytical Batch: 27582-21909



**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: 03/16/2021 10:31      Sample Approved: 03/17/2021 16:30  
 Instrument: GC-MS/MS      Sample Analyzed: 03/16/2021 10:32      Prep-Analytical Batch: 27583-21910

**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	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      Sample Prepped: 03/16/2021 13:54      Sample Approved: 03/17/2021 13:58  
 Instrument: HS-GC-MS/FID      Sample Analyzed: 03/16/2021 13:54      Prep-Analytical Batch: 27584-21919

**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: 03/17/2021 05:28      Sample Approved: 03/17/2021 10:44  
 Instrument: qPCR      Sample Analyzed: 03/17/2021 05:32      Prep-Analytical Batch: 27606-21940

**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: 03/16/2021 18:08      Sample Approved: 03/17/2021 12:12  
 Instrument: ICP-MS      Sample Analyzed: 03/16/2021 18:09      Prep-Analytical Batch: 27591-21937

**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: 03/16/2021 08:21      Sample Approved: 03/16/2021 16:45  
 Instrument: LC-MS/MS      Sample Analyzed: 03/16/2021 08:53      Prep-Analytical Batch: 27577-21907

**FILTH & FOREIGN MATERIAL ANALYSIS** PASS

UNIT OF MEASUREMENT: Filth and Foreign Matter (% ,#/3g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
IF RH ME	ND	0.0	0.0	1.000	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: 03/16/2021 15:10      Sample Approved: 03/16/2021 15:15  
 Instrument: Visual Inspection      Sample Analyzed: 03/16/2021 15:12      Prep-Analytical Batch: 27604-21922

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 03/17/2021 IN ACCORDANCE WITH REGULATORY REQUIREMENTS**



Kathryn Riker  
Quality Control Manager

