

Chemelon (1g) PASS



SAMPLE ID
400165

SAMPLE NAME
Chemelon (1g)

MATRIX
Concentrate

BATCH ID
220000201

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000006501

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000027661

COLLECTED, RECEIVED
03/01/2022 12:25, 03/02/2022 07:03

BATCH SIZE, SAMPLE SIZE
2583 units, 13 units

MANUFACTURE DATE
02/22/2022

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 **86.25 %**

TOTAL THC **85.72 %**

TOTAL CBD **ND**

TOTAL TERPENES **4.66 %**

Residual Pesticide **PASS**
No Analytes Detected

Residual Pesticide GC **PASS**
No Analytes Detected

Residual Solvent **PASS**
Pentane: <LLOQ, Butane: <LLOQ

Compliance Microbial **PASS**
No Analytes Detected

Heavy Metals **PASS**
No Analytes Detected

Mycotoxins **PASS**
No Analytes Detected

Filth and Foreign Material **PASS**
No Analytes Detected





CANNABINOID ANALYSIS

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

TOTAL THC: 857.2 mg/g (85.72 %), 857.2 mg per package
 TOTAL CBD: ND
 TOTAL CANNABINOIDS: 862.5 mg/g (86.25 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
THCa	974.4 mg/g (97.44 %)	0.5000	1.0000	CBDa	ND	0.5000	1.0000
D9THC	2.671 mg/g (0.2671 %)	0.5000	1.0000	CBD	ND	0.5000	1.0000
D8THC	ND	0.5000	1.0000	CBDv	ND	0.5000	1.0000
CBN	ND	0.5000	1.0000	CBCa	ND	0.5000	1.0000
THCva	5.252 mg/g (0.5252 %)	0.5000	1.0000	CBC	ND	0.5000	1.0000
THCv	ND	0.5000	1.0000	CBGa	ND	0.5000	1.0000
ExoTHC	<1 mg/g	0.5000	1.0000	CBG	ND	0.5000	1.0000
CBL	ND	0.5000	1.0000				

ADDITIONAL INFORMATION

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

Sample Prepped: 03/02/2022 14:28
 Sample Analyzed: 03/02/2022 17:49

Sample Approved: 03/03/2022 11:11
 Prep-Analytical Batch: 35766-29561



TERPENE ANALYSIS

TOTAL TERPENES: 46.60 mg/g (4.660 %)

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	2.637 mg/g (0.2637 %)	0.5000	1.000
Alpha pinene	1.280 mg/g (0.1280 %)	0.1000	1.000	Alpha terpinene	ND	0.5000	1.000
Alpha terpineol	1.861 mg/g (0.1861 %)	0.3260	0.6520	Beta caryophyllene	10.71 mg/g (1.071 %)	0.5000	1.000
Beta myrcene	6.776 mg/g (0.6776 %)	0.5000	1.000	Beta pinene	1.215 mg/g (0.1215 %)	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	2.743 mg/g (0.2743 %)	0.5000	1.000	Fenchone	<LLOQ	0.1000	0.5000
Gamma terpinene	ND	0.1000	0.5000	Gamma terpineol	ND	0.2090	0.5230
Geranyl acetate	<LLOQ	0.1000	0.5000	Isoborneol	ND	0.5000	1.000
Isopulegol	ND	2.500	5.000	Limonene	12.45 mg/g (1.245 %)	0.5000	2.500
Linalool	5.564 mg/g (0.5564 %)	0.5000	1.000	Menthol	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	1.361 mg/g (0.1361 %)	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: 03/02/2022 13:37
Sample Analyzed: 03/02/2022 13:39

Sample Approved: 03/03/2022 12:50
Prep-Analytical Batch: 35757-29551



RESIDUAL PESTICIDE 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
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: 03/02/2022 12:49
Sample Analyzed: 03/02/2022 12:59

Sample Approved: 03/03/2022 13:37
Prep-Analytical Batch: 35758-29547



RESIDUAL PESTICIDE 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: 03/02/2022 12:49
Sample Analyzed: 03/02/2022 13:00

Sample Approved: 03/03/2022 11:13
Prep-Analytical Batch: 35759-29548

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	50.00	100.0	5000	Pass	Acetonitrile	ND	50.00	100.0	410.0	Pass
Benzene	ND	0.5000	1.000	1.000	Pass	Butane	<LLOQ	50.00	100.0	5000	Pass
Chloroform	ND	0.5000	1.000	1.000	Pass	Ethanol	ND	50.00	100.0	5000	Pass
Ethyl Acetate	ND	50.00	100.0	5000	Pass	Ethyl Ether	ND	50.00	100.0	5000	Pass
Ethylene oxide	ND	0.5000	1.000	1.000	Pass	Heptane	ND	50.00	100.0	5000	Pass
Hexane	ND	50.00	100.0	290.0	Pass	Isopropyl Alcohol	ND	50.00	100.0	5000	Pass
Methanol	ND	50.00	100.0	3000	Pass	Methylene chloride	ND	0.5000	1.000	1.000	Pass
Pentane	<LLOQ	50.00	100.0	5000	Pass	Propane	ND	50.00	200.0	5000	Pass
Toluene	ND	50.00	100.0	890.0	Pass	Xylenes	ND	50.08	100.0	2170	Pass
Trichloroethylene	ND	0.5000	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: 03/02/2022 13:38
Sample Analyzed: 03/02/2022 13:38

Sample Approved: 03/03/2022 09:41
Prep-Analytical Batch: 35756-29550

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: 03/03/2022 07:17
Sample Analyzed: 03/03/2022 07:19

Sample Approved: 03/03/2022 14:07
Prep-Analytical Batch: 35768-29562



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	0.0120	0.1000	0.2000	Pass	Cadmium	ND	0.0072	0.0500	0.2000	Pass
Lead	ND	0.0068	0.0500	0.5000	Pass	Mercury	ND	0.0060	0.0500	0.1000	Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-013 Sample Prepped: 03/03/2022 10:56 Sample Approved: 03/03/2022 15:26
 Instrument: ICP-MS Sample Analyzed: 03/03/2022 11:49 Prep-Analytical Batch: 35781-29572

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: 03/02/2022 13:21 Sample Approved: 03/03/2022 12:19
 Instrument: LC-MS/MS Sample Analyzed: 03/02/2022 13:54 Prep-Analytical Batch: 35755-29552

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: 03/03/2022 11:19 Sample Approved: 03/03/2022 11:21
 Instrument: Visual Inspection Sample Analyzed: 03/03/2022 11:20 Prep-Analytical Batch: 35788-29567

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 (4 CCR section 15730) were performed and met the acceptance criteria.

THIS COA WAS REVIEWED AND APPROVED ON 03/03/2022 IN ACCORDANCE WITH REGULATORY REQUIREMENTS



Marc Gregerson, PhD
Science Director

