

## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

Sample Name: 24-K  
Sample Id: 48362  
Collected: 06/28/2018 14:53  
Overall Result: Pass

Sample Matrix: Flower  
Custom Id: 5B314430692B3  
Received: 06/29/2018 08:59



### CANNABINOID ANALYSIS

- Total THC, CBD and Cannabinoid value(s) are corrected for moisture, and the Acids have been decarboxylated
- Individual Analyte value(s) are corrected for moisture content

TOTAL THC: 251 mg/g (25.1%)  
TOTAL CBD: ND (ND)  
TOTAL CANNABINOIDS: 262 mg/g (26.2%)

TEST TYPE RESULT: N/A  
UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	6.56 mg/g (0.656 %)	0.250	0.500	D8THC	ND	0.250	0.500
THCa	278 mg/g (27.8 %)	0.250	0.500	CBG	1.05 mg/g (0.105 %)	0.250	0.500
CBN	ND	0.250	0.500	CBD	ND	0.250	0.500
CBDa	ND	0.250	0.500	CBGa	8.23 mg/g (0.823 %)	0.250	0.500
THCv	0.691 mg/g (0.0691 %)	0.250	0.500	CBC	2.76 mg/g (0.276 %)	0.250	0.500
CBDv	ND	0.250	0.500				

#### ADDITIONAL INFORMATION

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

Sample Prepped 07/02/2018 16:08  
Sample Analyzed 07/02/2018 17:42

Sample Approved 07/03/2018 10:23



# CERTIFICATE OF ANALYSIS

## CHEMICAL RESIDUE ANALYSIS

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: **Micrograms per Gram(ug/g)**

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		
Acephate	ND	0.0025	0.0050	0.100	Pass	Acequinocyl	ND	0.0050	0.0250	0.100	Pass
Acetamidrid	ND	0.0025	0.0100	0.100	Pass	Aldicarb	ND	0.0025	0.0100	0.0	Pass
Azoxystrobin	ND	0.0025	0.0100	0.200	Pass	Bifenazate	ND	0.0025	0.0100	0.100	Pass
Bifenthrin	ND	0.0050	0.0250	3.00	Pass	Boscalid	ND	0.0025	0.0100	0.100	Pass
Carbaryl	ND	0.0025	0.0100	0.500	Pass	Carbofuran	ND	0.0025	0.0100	0.0	Pass
Chlorantraniliprole	ND	0.0030	0.0250	10.0	Pass	Chlorfenapyr	ND	0.0500	0.100	0.0	Pass
Chlorpyrifos	ND	0.0025	0.0100	0.0	Pass	Clofentezine	ND	0.0030	0.0250	0.100	Pass
Cypermethrin	ND	0.0100	0.0500	1.00	Pass	Daminozide	ND	0.0050	0.250	0.0	Pass
Dichlorvos	ND	0.0050	0.0500	0.0	Pass	Diazinon	ND	0.0025	0.0100	0.100	Pass
Dimethoate	ND	0.0025	0.0100	0.0	Pass	Ethoprophos	ND	0.0025	0.0100	0.0	Pass
Etofenprox	ND	0.0025	0.0100	0.0	Pass	Etoxazole	ND	0.0025	0.0100	0.100	Pass
Fenoxycarb	ND	0.0025	0.0100	0.0	Pass	Fenpyroximate	ND	0.0025	0.0100	0.100	Pass
Fipronil	ND	0.0250	0.200	0.0	Pass	Fonicamid	ND	0.0050	0.0250	0.100	Pass
Fludioxonil	ND	0.0100	0.0500	0.100	Pass	Hexythiazox	ND	0.0025	0.0250	0.100	Pass
Imazalil	ND	0.0050	0.0250	0.0	Pass	Imidacloprid	ND	0.0050	0.0500	5.00	Pass
KresoximMethyl	ND	0.0025	0.0100	0.100	Pass	Malathion	ND	0.0025	0.0100	5.00	Pass
Metalaxyl	ND	0.0025	0.0100	2.00	Pass	Methiocarb	ND	0.0025	0.0100	0.0	Pass
Methomyl	ND	0.0025	0.0100	1.00	Pass	MethylParathion	ND	0.100	0.500	0.0	Pass
Myclobutanil	ND	0.0100	0.0500	0.100	Pass	Naled	ND	0.0025	0.0100	0.100	Pass
Oxamyl	ND	0.0250	0.100	0.500	Pass	Paclobutrazol	ND	0.0025	0.0100	0.0	Pass
Phosmet	ND	0.0025	0.0100	0.100	Pass	PiperonylButoxide	0.0495 ug/g	0.0025	0.0100	3.00	Pass
Prallethrin	ND	0.0100	0.0500	0.100	Pass	Propoxur	ND	0.0025	0.0100	0.0	Pass
Pyridaben	ND	0.0025	0.0100	0.100	Pass	Spiromesifen	ND	0.0025	0.0100	0.100	Pass
Spirotetramat	ND	0.0025	0.0100	0.100	Pass	Spiroxamine	ND	0.0250	0.0100	0.400	Pass
Tebuconazole	ND	0.0250	0.0100	0.100	Pass	Thiacloprid	ND	0.0025	0.0100	0.0	Pass
Thiamethoxam	ND	0.0025	0.0100	5.00	Pass	Trifloxystrobin	ND	0.0025	0.0100	0.100	Pass
Abamectin	ND	0.0127	0.0635	0.100	Pass	Cyfluthrin	ND	0.100	0.500	2.00	Pass
Permethrins	ND	0.0166	0.0685	0.500	Pass	Propiconazole	ND	0.0051	0.0251	0.100	Pass
Pyrethrins	ND	0.0144	0.0705	0.500	Pass	Spinosad	ND	0.0061	0.0244	0.100	Pass
Coumaphos	ND	0.0025	0.0100	0.0	Pass	Fenhexamid	ND	0.0050	0.0500	0.100	Pass
Spinetoram	ND	0.0030	0.0100	0.100	Pass	Dimethomorph	ND	0.0025	0.0100	2.00	Pass
Mevinphos	ND	0.0020	0.0100	0.0	Pass						

**ADDITIONAL INFORMATION**

Method: SOP-TECH-002  
 Instrument: UPLC-MSMS

Sample Prepped 07/08/2018 14:07  
 Sample Analyzed 07/08/2018 14:12

Sample Approved 07/10/2018 15:41



# CERTIFICATE OF ANALYSIS

## CHEMICAL RESIDUE GC ANALYSIS

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: **Micrograms per Gram(ug/g)**

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Cis-Chlordane	ND	0.0400	0.100	0.0 <b>Pass</b>	Chlordane	ND	0.0400	0.100	0.0 <b>Pass</b>
Captan	ND	0.200	0.400	0.700 <b>Pass</b>	PCNB	ND	0.0200	0.0400	0.100 <b>Pass</b>
MethylParathion	ND	0.0400	0.100	0.0 <b>Pass</b>					

### ADDITIONAL INFORMATION

Method: SOP-LAB-007  
 Instrument: GC-MS/MS

Sample Prepped 07/09/2018 16:27  
 Sample Analyzed 07/09/2018 17:03

Sample Approved 07/11/2018 17:06

## TERPENE ANALYSIS

TEST TYPE RESULT: **N/A**  
 UNIT OF MEASUREMENT: **Milligrams per Gram(mg/g)**

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
Limonene	2.87 mg/g	0.0050	0.0100	Delta-3-Carene	0.0166 mg/g	0.0050	0.0100
Nerolidol	0.0434 mg/g	0.0050	0.0100	Linalool	1.32 mg/g	0.0050	0.0100
Geraniol	0.0268 mg/g	0.0050	0.0100	(-)-alpha-Bisabolol	0.0471 mg/g	0.0050	0.0100
Gamma-Terpinene	0.578 mg/g	0.0050	0.0100	Ocimene	ND	0.0050	0.0100
Terpinolene	0.103 mg/g	0.0050	0.0100	P-Cymene	0.0318 mg/g	0.0050	0.0100
Eucalyptol	ND	0.0050	0.0100	(-)-Isopulegol	0.0344 mg/g	0.0050	0.0100
Beta-Pinene	0.484 mg/g	0.0050	0.0100	Alpha-Pinene	0.279 mg/g	0.0050	0.0100
B-Myrcene	2.73 mg/g	0.0050	0.0100	Beta-Caryophyllene	1.49 mg/g	0.0050	0.0100
Alpha-Terpinene	<LLOQ	0.0050	0.0100	Alpha-Humulene	0.388 mg/g	0.0050	0.0100
(-)-Guaiaol	0.0202 mg/g	0.0050	0.0100	Camphene	0.0845 mg/g	0.0050	0.0100
(-)-Caryophyllene Oxide	0.0197 mg/g	0.0050	0.0100				

### ADDITIONAL INFORMATION

Method: SOP-TECH-004  
 Instrument: HS-GC-FID

Sample Prepped 07/08/2018 14:08  
 Sample Analyzed 07/08/2018 14:12

Sample Approved 07/09/2018 12:47





## MICROBIAL ANALYSIS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
A.fumigatus	ND	0.0	0.0	28.0 <b>Pass</b>	A. flavus	ND	0.0	0.0	28.0 <b>Pass</b>
A. niger	ND	0.0	0.0	28.0 <b>Pass</b>	A. terreus	ND	0.0	0.0	28.0 <b>Pass</b>
STEC	ND	0.0	0.0	28.0 <b>Pass</b>	Salmonella spp	ND	0.0	0.0	28.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB-008  
Instrument: qPCR

Sample Prepped 07/11/2018 12:19  
Sample Analyzed 07/12/2018 13:44

Sample Approved 07/12/2018 16:43



## MOISTURE CONTENT

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Percent Moisture Content(%)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Moisture Content	11.4 %	0.0	0.0	13.0 <b>Pass</b>					

### ADDITIONAL INFORMATION

Method: SOP-LAB-006  
Instrument: Moisture Analyzer

Sample Prepped 07/08/2018 14:10  
Sample Analyzed 07/09/2018 10:02

Sample Approved 07/09/2018 13:47



## FILTH & FOREIGN MATERIAL

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Filth and Foreign Matter (%)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
SSCD	ND	0.0	0.0	25.0 <b>Pass</b>	Mold	ND	0.0	0.0	25.0 <b>Pass</b>
IF RH ME	ND	0.0	0.0	3.00 <b>Pass</b>	IFM	ND	0.0	0.0	25.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB-007  
Instrument: Magnifying Glass

Sample Prepped 07/08/2018 12:05  
Sample Analyzed 07/10/2018 16:29

Sample Approved 07/10/2018 16:45



Cannalysis Headquarters  
1801 Carnegie Ave  
Santa Ana , CA 92705  
C8-18-0000031-TEMP



## CERTIFICATE OF ANALYSIS

DISTRIBUTOR INFO  
California Patients Alliance DBA THC Design  
180 Alvarados S  
LOS ANGELES, CA 90057  
M11-18-0000263-TEMP

This report replaces the previous version with CofA Certificate#: COA-00015616.

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.

### DATA REVIEWED AND APPROVED BY

07/11/2018

Swetha Kaul, PhD  
Chief Scientific Officer

Date

