



CERTIFICATE OF ANALYSIS



SAMPLE INFORMATION

Sample Name: Lotion Topical (Pebble)
Sample Matrix: Topical
Collected: 04/19/2019 10:11
Serving Size: 1 bottle
Overall Result: **Pass**

Sample Id: 109563
Received: 04/19/2019 16:27
Serv. Per Sample: 1

CULTIVATOR INFO

Business Name: Prime 90
City:
Zip Code:

Street Address:
State:
License:

CANNABINOID ANALYSIS

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

TOTAL THC: 0.2040 mg per serving (0.2040 mg/g) (0.0204 %)
TOTAL CBD: 6.153 mg per serving (6.153 mg/g) (0.6153 %)
TOTAL CANNABINOIDS: 6.914 mg per serving (6.914 mg/g) (0.6914 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
D9THC	0.2040 mg/g (0.0204 %)	0.0100	0.0250	D8THC	0.0414 mg/g (0.0041%)	0.0100	0.0250	
THCa	ND	0.0100	0.0250	CBG	0.1405 mg/g (0.0141%)	0.0100	0.0250	
CBN	0.0266 mg/g (0.0027%)	0.0100	0.0250	CBD	5.831 mg/g (0.5831%)	0.0100	0.0250	
CBDa	0.3672 mg/g (0.0367%)	0.0100	0.0250	CBGa	0.0581 mg/g (0.0058%)	0.0100	0.0250	
THCv	ND	0.0100	0.0250	CBC	0.2158 mg/g (0.0216%)	0.0100	0.0250	
CBDv	0.0302 mg/g (0.0030 %)	0.0100	0.0250					

ADDITIONAL INFORMATION

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

Sample Prepped 04/23/2019 17:16
Sample Analyzed 04/24/2019 16:55

Sample Approved 04/25/2019 14:33





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	0.0200	0.0400	5.000 Pass	Acequinocyl	ND	0.0200	0.0400	4.000 Pass
Acetamidrid	ND	0.0200	0.0400	5.000 Pass	Aldicarb	ND	0.0200	0.0400	0.0 Pass
Azoxystrobin	ND	0.0200	0.0400	40.00 Pass	Bifenazate	ND	0.0200	0.0400	5.000 Pass
Bifenthrin	ND	0.0200	0.0400	0.5000 Pass	Boscalid	ND	0.0200	0.0400	10.00 Pass
Carbaryl	ND	0.0200	0.0400	0.5000 Pass	Carbofuran	ND	0.0200	0.0400	0.0 Pass
Chlorantranilprole	ND	0.0200	0.0400	40.00 Pass	Chlorfenapyr	ND	0.0200	0.0400	0.0 Pass
Chlorpyrifos	ND	0.0200	0.0400	0.0 Pass	Clofentezine	ND	0.0200	0.0400	0.5000 Pass
Cypermethrin	ND	0.0400	0.1000	1.000 Pass	Daminozide	ND	0.0200	0.0400	0.0 Pass
Dichlorvos	ND	0.0200	0.0400	0.0 Pass	Diazinon	ND	0.0200	0.0400	0.2000 Pass
Dimethoate	ND	0.0200	0.0400	0.0 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	1.500 Pass
Fenoxycarb	ND	0.0200	0.0400	0.0 Pass	Fenpyroximate	ND	0.0200	0.0400	2.000 Pass
Fipronil	ND	0.0200	0.0400	0.0 Pass	Fonicamid	ND	0.0200	0.0400	2.000 Pass
Fludioxonil	ND	0.0200	0.0400	30.00 Pass	Hexythiazox	ND	0.0200	0.0400	2.000 Pass
Imazalil	ND	0.0200	0.0400	0.0 Pass	Imidacloprid	ND	0.0200	0.0400	3.000 Pass
KresoximMethyl	ND	0.0200	0.0400	1.000 Pass	Malathion	ND	0.0200	0.0400	5.000 Pass
Metalaxyl	ND	0.0200	0.0400	15.00 Pass	Methiocarb	ND	0.0200	0.0400	0.0 Pass
Methomyl	ND	0.0200	0.0400	0.1000 Pass	Myclobutanil	ND	0.0200	0.0400	9.000 Pass
Naled	ND	0.0200	0.0400	0.5000 Pass	Oxamyl	ND	0.0200	0.0400	0.2000 Pass
Paclobutrazol	ND	0.0200	0.0400	0.0 Pass	Phosmet	ND	0.0200	0.0400	0.2000 Pass
PiperonylButoxide	ND	0.0200	0.0400	8.000 Pass	Prallethrin	ND	0.0200	0.0400	0.4000 Pass
Propoxur	ND	0.0200	0.0400	0.0 Pass	Pyridaben	ND	0.0200	0.0400	3.000 Pass
Spiromesifen	ND	0.0200	0.0400	12.00 Pass	Spirotetramat	ND	0.0200	0.0400	13.00 Pass
Spiroxamine	ND	0.0200	0.0400	0.4000 Pass	Tebuconazole	ND	0.0200	0.0400	2.000 Pass
Thiacloprid	ND	0.0200	0.0400	0.0 Pass	Thiamethoxam	ND	0.0200	0.0400	4.500 Pass
Trifloxystrobin	ND	0.0200	0.0400	30.00 Pass	Abamectin	ND	0.0200	0.0400	0.3000 Pass
Cyfluthrin	ND	0.1000	0.2000	1.000 Pass	Permethrins	ND	0.0200	0.0400	20.00 Pass
Propiconazole	ND	0.0200	0.0400	20.00 Pass	Pyrethrins	ND	0.0214	0.0436	1.000 Pass
Spinosad	ND	0.0200	0.0400	3.000 Pass	Coumaphos	ND	0.0200	0.0400	0.0 Pass
Fenhexamid	ND	0.0200	0.0400	10.00 Pass	Spinetoram	ND	0.0200	0.0400	3.000 Pass
Dimethomorph	ND	0.0099	0.0198	20.00 Pass	Mevinphos	ND	0.0100	0.0200	0.0 Pass
Chlordane	ND	0.0400	0.1000	0.0 Pass	Captan	ND	0.1000	0.2000	5.000 Pass
PCNB	ND	0.0200	0.0400	0.2000 Pass	MethylParathion	ND	0.0400	0.1000	0.0 Pass

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

Sample Prepped 04/24/2019 10:48
 Sample Analyzed 04/24/2019 14:43

Sample Approved 04/25/2019 16:31





CERTIFICATE OF ANALYSIS

TERPENE ANALYSIS

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Limonene	ND	0.0	0.0010	Delta-3-Carene	ND	0.0	0.0010	
Nerolidol	0.0137 mg/g	0.0	0.0010	Linalool	ND	0.0	0.0010	
Geraniol	ND	0.0	0.0010	Alpha-Bisabolol	0.0079 mg/g	0.0	0.0010	
Gamma-Terpinene	ND	0.0	0.0010	Ocimene	ND	0.0	0.0010	
Terpinolene	ND	0.0	0.0010	P-Cymene	ND	0.0	0.0010	
Eucalyptol	ND	0.0	0.0010	Isopulegol	ND	0.0	0.0010	
Beta-Pinene	ND	0.0	0.0010	Alpha-Pinene	ND	0.0	0.0010	
B-Myrcene	<LLOQ	0.0	0.0010	Beta-Caryophyllene	0.0101 mg/g	0.0	0.0010	
Alpha-Terpinene	ND	0.0	0.0010	Alpha-Humulene	0.0111 mg/g	0.0	0.0010	
Guaiol	ND	0.0	0.0010	Camphene	ND	0.0	0.0010	
Caryophyllene Oxide	ND	0.0	0.0010					

ADDITIONAL INFORMATION

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

Sample Prepped 04/24/2019 11:14
Sample Analyzed 04/24/2019 15:29

Sample Approved 04/25/2019 15:39





CERTIFICATE OF ANALYSIS

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	33.00 Pass	A. flavus	ND	0.0	0.0	33.00 Pass
A. niger	ND	0.0	0.0	33.00 Pass	A. terreus	ND	0.0	0.0	33.00 Pass
STEC	ND	0.0	0.0	33.00 Pass	Salmonella spp	ND	0.0	0.0	33.00 Pass

ADDITIONAL INFORMATION

Method: SOP-LAB-007
Instrument: qPCR
Sample Prepped 04/19/2019 17:50
Sample Analyzed 04/22/2019 06:56
Sample Approved 04/22/2019 14:49





CERTIFICATE OF ANALYSIS

HEAVY METALS

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

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Lead	0.0391ug/g	0.0	0.0050	0.5000 Pass	Mercury	ND	0.0	0.0050	3.000 Pass
Arsenic	0.1061ug/g	0.0	0.0050	1.500 Pass	Cadmium	ND	0.0	0.0050	0.5000 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-008 Sample Prepped 04/24/2019 11:04 Sample Approved 04/25/2019 00:00
Instrument: ICP-MS Sample Analyzed 04/24/2019 15:25

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.

DATA REVIEWED AND APPROVED BY



04/25/2019

Swetha Kaul, PhD
Chief Scientific Officer

Date

