

# CERTIFICATE OF ANALYSIS



### SAMPLE INFORMATION

Sample Name: VVS GSC 0.3g C-Cell Pen  
 Sample Matrix: Concentrate  
 Batch Id: GSC403  
 Received: 04/10/2019 14:23  
 Sample Size: 60 units

Sample Id: 104609  
 Collected: 04/09/2019 10:41  
 Batch Size: 400 units  
 Overall Result: **Pass**

### DISTRIBUTOR INFO

Business Name: Green Rose Green Leaf Care, Inc.  
 Street Address: 1325 Saint Andrew Pl. E  
 State: CA  
 License: C11-18-0000671-TEMP

City: Santa Ana  
 Zip Code: 92705

### MANUFACTURER INFO

Business Name: Stone Service Inc. DBA VVS  
 Street Address: 300 E. San Antonio Dr.  
 State: CA  
 License: CDPH - T00002117

City: King City  
 Zip Code: 93930

## CANNABINOID ANALYSIS

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

TOTAL THC: 793.8 mg/g (79.38 %)  
 TOTAL CBD: ND (ND)  
 TOTAL CANNABINOIDS: 847.0 mg/g (84.70 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
D9THC	793.8 mg/g (79.38 %)	0.5000	1.0000	D8THC	ND	0.5000	1.0000	
THCa	ND	0.5000	1.0000	CBG	21.85 mg/g (2.185 %)	0.5000	1.0000	
CBN	10.02 mg/g (1.002 %)	0.5000	1.0000	CBD	ND	0.5000	1.0000	
CBDa	ND	0.5000	1.0000	CBGa	ND	0.5000	1.0000	
THCv	2.785 mg/g (0.2785 %)	0.5000	1.0000	CBC	18.52 mg/g (1.852 %)	0.5000	1.0000	
CBDv	ND	0.5000	1.0000					

### ADDITIONAL INFORMATION

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

Sample Prepped 04/11/2019 11:37  
 Sample Analyzed 04/11/2019 17:40

Sample Approved 04/12/2019 08:07



# 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	0.1000 <b>Pass</b>	Acequinocyl	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Acetamiprid	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Aldicarb	ND	0.0200	0.0400	0.0 <b>Pass</b>
Azoxystrobin	ND	0.0200	0.0400	0.2000 <b>Pass</b>	Bifenazate	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Bifenthrin	ND	0.0200	0.0400	3.000 <b>Pass</b>	Boscalid	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Carbaryl	ND	0.0200	0.0400	0.5000 <b>Pass</b>	Carbofuran	ND	0.0200	0.0400	0.0 <b>Pass</b>
Chlorantraniliprole	ND	0.0200	0.0400	10.00 <b>Pass</b>	Chlorfenapyr	ND	0.0200	0.0400	0.0 <b>Pass</b>
Chlorpyrifos	ND	0.0200	0.0400	0.0 <b>Pass</b>	Clofentezine	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Cypermethrin	ND	0.0400	0.1000	1.000 <b>Pass</b>	Daminozide	ND	0.0200	0.0400	0.0 <b>Pass</b>
Dichlorvos	ND	0.0200	0.0400	0.0 <b>Pass</b>	Diazinon	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Dimethoate	ND	0.0200	0.0400	0.0 <b>Pass</b>	Ethoprophos	ND	0.0200	0.0400	0.0 <b>Pass</b>
Etofenprox	ND	0.0200	0.0400	0.0 <b>Pass</b>	Etoxazole	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Fenoxycarb	ND	0.0200	0.0400	0.0 <b>Pass</b>	Fenpyroximate	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Fipronil	ND	0.0200	0.0400	0.0 <b>Pass</b>	Fonicamid	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Fludioxonil	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Hexythiazox	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Imazalil	ND	0.0200	0.0400	0.0 <b>Pass</b>	Imidacloprid	ND	0.0200	0.0400	5.000 <b>Pass</b>
KresoximMethyl	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Malathion	ND	0.0200	0.0400	0.5000 <b>Pass</b>
Metalaxyl	ND	0.0200	0.0400	2.000 <b>Pass</b>	Methiocarb	ND	0.0200	0.0400	0.0 <b>Pass</b>
Methomyl	ND	0.0200	0.0400	1.000 <b>Pass</b>	Myclobutanil	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Naled	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Oxamyl	ND	0.0200	0.0400	0.5000 <b>Pass</b>
Paclobutrazol	ND	0.0200	0.0400	0.0 <b>Pass</b>	Phosmet	ND	0.0200	0.0400	0.1000 <b>Pass</b>
PiperonylButoxide	<LLOQ	0.0200	0.0400	3.000 <b>Pass</b>	Prallethrin	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Propoxur	ND	0.0200	0.0400	0.0 <b>Pass</b>	Pyridaben	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Spiromesifen	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Spirotetramat	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Spiroxamine	ND	0.0200	0.0400	0.4000 <b>Pass</b>	Tebuconazole	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Thiacloprid	ND	0.0200	0.0400	0.0 <b>Pass</b>	Thiamethoxam	ND	0.0200	0.0400	5.000 <b>Pass</b>
Trifloxystrobin	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Abamectin	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Cyfluthrin	ND	0.1000	0.2000	2.000 <b>Pass</b>	Permethrins	ND	0.0200	0.0400	0.5000 <b>Pass</b>
Propiconazole	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Pyrethrins	ND	0.0314	0.0536	0.5000 <b>Pass</b>
Spinosad	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Coumaphos	ND	0.0200	0.0400	0.0 <b>Pass</b>
Fenhexamid	ND	0.0200	0.0400	0.1000 <b>Pass</b>	Spinetoram	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Dimethomorph	ND	0.0200	0.0400	2.000 <b>Pass</b>	Mevinphos	ND	0.0100	0.0200	0.0 <b>Pass</b>

**ADDITIONAL INFORMATION**

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

Sample Prepped 04/11/2019 11:38  
 Sample Analyzed 04/11/2019 20:01

Sample Approved 04/12/2019 14:50



# 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	
Chlordane	ND	0.0400	0.1000	0.0	Pass	Captan	ND	0.1000	0.2000	0.7000	Pass
PCNB	ND	0.0200	0.0400	0.1000	Pass	MethylParathion	ND	0.0400	0.1000	0.0	Pass

### ADDITIONAL INFORMATION

Method: SOP-LAB-007      Sample Prepped 04/11/2019 11:39      Sample Approved 04/12/2019 13:46  
Instrument: GC-MS/MS      Sample Analyzed 04/11/2019 16:04

## RESIDUAL SOLVENT 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	
Chloroform	ND	1.000	2.500	1.000	Pass	Acetone	1203 ug/g	2.500	5.000	5000	Pass
Methanol	ND	1.000	2.500	3000	Pass	Ethanol	ND	1.000	2.500	5000	Pass
Benzene	ND	1.000	2.500	1.000	Pass	Toluene	3.679 ug/g	0.2500	0.5000	890.0	Pass
Pentane	ND	1.000	2.500	5000	Pass	Hexane	ND	0.2500	0.5000	290.0	Pass
Heptane	ND	0.2500	0.5000	5000	Pass	Ethyl Acetate	ND	2.500	5.000	5000	Pass
Propane	ND	5.000	10.00	5000	Pass	Acetonitrile	ND	0.5000	1.000	410.0	Pass
Ethyl Ether	ND	10.00	50.00	5000	Pass	1,2-Dichloroethane	ND	0.2500	0.5000	1.000	Pass
Butane	ND	24.00	48.00	5000	Pass	Methylene chloride	ND	0.2500	0.5000	1.000	Pass
Ethylene oxide	ND	0.5000	1.000	1.000	Pass	Isopropyl Alcohol	14.55 ug/g	0.2500	0.5000	5000	Pass
Trichloroethylene	ND	0.2500	0.5000	1.000	Pass	Xylenes	<LLOQ	0.5000	1.000	2170	Pass

### ADDITIONAL INFORMATION

Method: SOP-TECH-003      Sample Prepped 04/11/2019 10:12      Sample Approved 04/12/2019 11:41  
Instrument: HS-GC-MS-FID      Sample Analyzed 04/11/2019 10:50



# 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 <b>Pass</b>	A. flavus	ND	0.0	0.0	33.00 <b>Pass</b>
A. niger	ND	0.0	0.0	33.00 <b>Pass</b>	A. terreus	ND	0.0	0.0	33.00 <b>Pass</b>
STEC	ND	0.0	0.0	33.00 <b>Pass</b>	Salmonella spp	ND	0.0	0.0	33.00 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB--00?      Sample Prepped 04/10/2019 15:03      Sample Approved 04/11/2019 15:13  
 Instrument: qPCR      Sample Analyzed 04/11/2019 07:42

## 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	25.00 <b>Pass</b>	Mold	ND	0.0	0.0	25.00 <b>Pass</b>
IF RH ME	ND	0.0	0.0	3.000 <b>Pass</b>	IFM	ND	0.0	0.0	25.00 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB-007      Sample Prepped 04/12/2019 10:29      Sample Approved 04/12/2019 10:59  
 Instrument: Magnifying Glass      Sample Analyzed 04/12/2019 10:37

## 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	0.0802 ug/g	0.0	0.0050	0.5000 <b>Pass</b>	Mercury	<LLOQ	0.0	0.0050	0.1000 <b>Pass</b>
Arsenic	ND	0.0	0.0050	0.2000 <b>Pass</b>	Cadmium	ND	0.0	0.0050	0.2000 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-TECH-008      Sample Prepped 04/11/2019 09:16      Sample Approved 04/11/2019 20:27  
 Instrument: ICP-MS      Sample Analyzed 04/11/2019 10:47



## CERTIFICATE OF ANALYSIS

 **MYCOTOXINS**

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: **Micrograms per Kilogram(ug/kg)**

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Aflatoxins-B1-2-G1-2	ND	10.00	14.00	20.00 <b>Pass</b>	Ochratoxin A	ND	1.000	2.000	20.00 <b>Pass</b>

**ADDITIONAL INFORMATION**

Method: *SOP-TECH-009*  
Instrument: *UPLC-MSMS*

Sample Prepped *04/11/2019 11:40*  
Sample Analyzed *04/11/2019 16:04*

Sample Approved *04/12/2019 11:30*

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**

04/12/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date

