

# CERTIFICATE OF ANALYSIS



### SAMPLE INFORMATION

Sample Name: VVS Blueberry Diesel 1g Syringe  
 Sample Matrix: Concentrate  
 Batch Id: BDSYR408  
 Received: 05/17/2019 17:59  
 Sample Size: 18 units

Sample Id: 111805  
 Collected: 05/17/2019 12:23  
 Batch Size: 360 units  
 Overall Result: **Pass**

### DISTRIBUTOR INFO

Business Name: Green Rose Green Leaf Care, Inc. (Concentrates)  
 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

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

TOTAL THC: 746.0 mg/g (74.60 %)  
 TOTAL CBD: 5.038 mg/g (0.5038 %)  
 TOTAL CANNABINOIDS: 800.9 mg/g (80.09 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	746.0 mg/g (74.60 %)	0.5000	1.0000	D8THC	ND	0.5000	1.0000
THCa	ND	0.5000	1.0000	CBG	21.72 mg/g (2.172 %)	0.5000	1.0000
CBN	5.517 mg/g (0.5517 %)	0.5000	1.0000	CBD	5.038 mg/g (0.5038 %)	0.5000	1.0000
CBDa	ND	0.5000	1.0000	CBGa	ND	0.5000	1.0000
THCv	4.437 mg/g (0.4437 %)	0.5000	1.0000	CBC	18.13 mg/g (1.813 %)	0.5000	1.0000
CBDv	ND	0.5000	1.0000				

### ADDITIONAL INFORMATION

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

Sample Prepped 05/22/2019 16:21  
 Sample Analyzed 05/22/2019 16:40

Sample Approved 05/23/2019 23:05



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>
Chlorantranilprole	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	ND	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	0.0178	0.0356	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	0.0099	0.0198	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 05/21/2019 17:17  
 Sample Analyzed 05/21/2019 17:41

Sample Approved 05/22/2019 18:58



# 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 05/21/2019 17:18      Sample Approved 05/22/2019 14:18  
 Instrument: GC-MS/MS      Sample Analyzed 05/21/2019 17:42

## 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	ND	2.500	5.000	5000	Pass
Methanol	ND	1.000	2.500	3000	Pass	Ethanol	26.04 ug/g	1.000	2.500	5000	Pass
Benzene	ND	1.000	2.500	1.000	Pass	Toluene	<LLOQ	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	8.654 ug/g	0.2500	0.5000	5000	Pass
Trichloroethylene	ND	0.2500	0.5000	1.000	Pass	Xylenes	ND	0.5000	1.000	2170	Pass

**ADDITIONAL INFORMATION**

Method: SOP-TECH-003      Sample Prepped 05/23/2019 16:22      Sample Approved 05/24/2019 15:34  
 Instrument: HS-GC-MS-FID      Sample Analyzed 05/23/2019 16:22



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

**ADDITIONAL INFORMATION**

Method: SOP-LAB--00?      Sample Prepped 05/21/2019 06:47      Sample Approved 05/21/2019 15:32  
 Instrument: qPCR      Sample Analyzed 05/21/2019 06:48

## 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 05/20/2019 17:33      Sample Approved 05/20/2019 17:37  
 Instrument: Magnifying Glass      Sample Analyzed 05/20/2019 17:34

## 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	0.0948 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	<LLOQ	0.0	0.0050	0.2000 <b>Pass</b>

**ADDITIONAL INFORMATION**

Method: SOP-TECH-008      Sample Prepped 05/23/2019 13:23      Sample Approved 05/23/2019 21:42  
 Instrument: ICP-MS      Sample Analyzed 05/23/2019 13:27



## 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 *05/21/2019 17:17*  
Sample Analyzed *05/22/2019 07:52*

Sample Approved *05/22/2019 15:55*

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**

05/24/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date

