



License #: MMTC-
2019-0018
Order #: 85910
Retail Batch #: F15-
RV1202311080011-
SMQ

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Order Information

Order #: 85910
Order Name: Grandiflora - Red Velvet -
Smediums 1/4 oz - Indoor - 7g
Retail Batch #: F15-RV1202311080011-SMQ
Received: 03/20/2024 18:27:18
Complete: 03/28/2024 18:04:21

Harvest/Lot ID: F15-RV1202311080011-SMQ
SMQ

Seed-to-Sale #: F15-RV1202311080011-

Batch Information

Create Date: 03/19/2024
Exp. Date: 03/19/2025
Size: 4,669

Total Qty.: 667
Matrix: Flower - Cured
Pickup Weight: 28 g

MMTC Information

Cultivation Facility: Deland Facility
Processing Facility: Deland Facility

Cultivar(s): Red Velvet

COMPLIANCE FOR RETAIL

CANNABINOID PROFILE
TESTED

LABEL CLAIM
**NOT
APPLICABLE**

MICROBIAL ANALYSIS
PASS

RESIDUAL SOLVENTS
NOT TESTED

AGRICULTURAL AGENTS
PASS

HEAVY METAL ANALYSIS
PASS

TERPENES TOTAL
TESTED

MOISTURE ANALYSIS
PASS

WATER ACTIVITY
PASS

FILTH & FOREIGN MATERIAL
ANALYSIS
PASS

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



25.6135 %
Total THC

0.0770 %
Total CBD

30.5890 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director



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Sample Prep

Tech: 3445
SOP: 418
Batch Number: 62511
Batch Date: 03/20/2024 12:36:31

Sample Analysis

Date/Time: 03/22/2024 12:59:21
Tech: 3445
SOP: 417
Final Weight: 0.5369 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

TESTED

25.6135 %
Total THC

128.067 mg
THC Per Unit

1792.945 mg
THC Per Pkg

0.0770 %
Total CBD

0.385 mg
CBD Per Unit

5.390 mg
CBD Per Pkg

30.5890 %
Total Cannabinoids

152.945 mg
Cannabinoids Per Unit

2141.230 mg
Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	ACTUAL %	DRY WT. %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBD	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBDA	0.129/0.3908	51	0.088	0.102	0.878	0.439	6.146	--	--
CBDV	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBG	0.129/0.3908	51	0.105	0.122	1.052	0.526	7.364	--	--
CBGA	0.129/0.3908	51	1.267	1.471	12.668	6.334	88.676	--	--
CBN	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
d8-THC	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
d9-THC	0.129/0.3908	51	0.546	0.635	5.464	2.732	38.248	--	--
THCA	0.129/0.3908	51	28.583	33.197	285.828	142.914	2000.796	--	--
THCV	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--

mg/unit = 0.5 (g) per unit x cannabinoid concentration (mg/g)

Dry Weight % = Wet % / ((100 - Moisture Value) / 100)

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)

ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	ACTUAL %	DRY WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	25.614	29.749	256.135	128.067	1792.945
Total CBD	0.077	0.089	0.770	0.385	5.390
Total Cannabinoids	30.589	35.527	305.890	152.945	2141.230

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 402
Batch Number: 62505
Batch Date: 03/20/2024 11:59:45

Sample Analysis

Date/Time: 03/22/2024 13:16:04
Tech: 3445
SOP: 402
Final Weight: 0.5411 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	0.7	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	0.5	ND
Cypermethrin	0.01/0.1	1	0.5	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.15	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 432
Batch Number: 62506
Batch Date: 03/20/2024 12:02:37

Sample Analysis

Date/Time: 03/24/2024 13:42:40
Tech: 1012
SOP: 424
Final Weight: 0.1036 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	1	20	ND
Aflatoxin B2	2/10	1	20	ND
Aflatoxin G1	2/10	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/10	1	20	ND

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Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 432
Batch Number: 62506
Batch Date: 03/20/2024 12:02:37

Sample Analysis

Date/Time: 03/24/2024 13:42:40
Tech: 1012
SOP: 424
Final Weight: 0.1036 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	1	0.1	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	0.1	ND	Imidacloprid	0.002/0.002	1	0.4	ND
Acequinocyl	0.002/0.002	1	0.1	ND	Kresoxim-methyl	0.002/0.002	1	0.1	ND
Acetamiprid	0.002/0.002	1	0.1	ND	Malathion	0.01/0.04	1	0.2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	0.1	ND
Azoxystrobin	0.002/0.04	1	0.1	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	0.1	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.1	ND	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	0.1	ND	Myclobutanil	0.002/0.04	1	0.1	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.25	ND
Carbofuran	0.002/0.01	1	0.1	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	1	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlormequat chloride	0.002/0.004	1	1	ND	Permethrins	0.002/0.01	1	0.1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Phosmet	0.002/0.002	1	0.1	ND
Clofentezine	0.002/0.002	1	0.2	ND	Piperonyl Butoxide	0.002/0.002	1	3	ND
Daminozide	0.01/0.04	1	0.1	ND	Prallethrin	0.002/0.01	1	0.1	ND
Diazinon	0.002/0.01	1	0.1	ND	Propiconazole	0.002/0.04	1	0.1	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Pyrethrins	0.001/0.013	1	0.5	ND
Dimethomorph	0.001/0.002	1	0.2	ND	Pyridaben	0.002/0.002	1	0.2	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	0.2	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	0.1	ND
Etoxazole	0.002/0.002	1	0.1	ND	Spiromesifen	0.002/0.002	1	0.1	ND
Fenhexamid	0.01/0.04	1	0.1	ND	Spirotetramat	0.002/0.01	1	0.1	ND
Fenoxycarb	0.002/0.004	1	0.1	ND	Spiroxamine	0.002/0.04	1	0.1	ND
Fenpyroximate	0.002/0.002	1	0.1	ND	Tebuconazole	0.01/0.04	1	0.1	ND
Fipronil	0.002/0.004	1	0.1	ND	Thiacloprid	0.002/0.002	1	0.1	ND
Flonicamid	0.002/0.01	1	0.1	ND	Thiamethoxam	0.002/0.01	1	0.5	ND
Fludioxonil	0.002/0.004	1	0.1	ND	Trifloxystrobin	0.002/0.002	1	0.1	ND
Hexythiazox	0.002/0.004	1	0.1	ND					

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TERPENES TOTAL

GC-FID

TESTED (2.404 %)

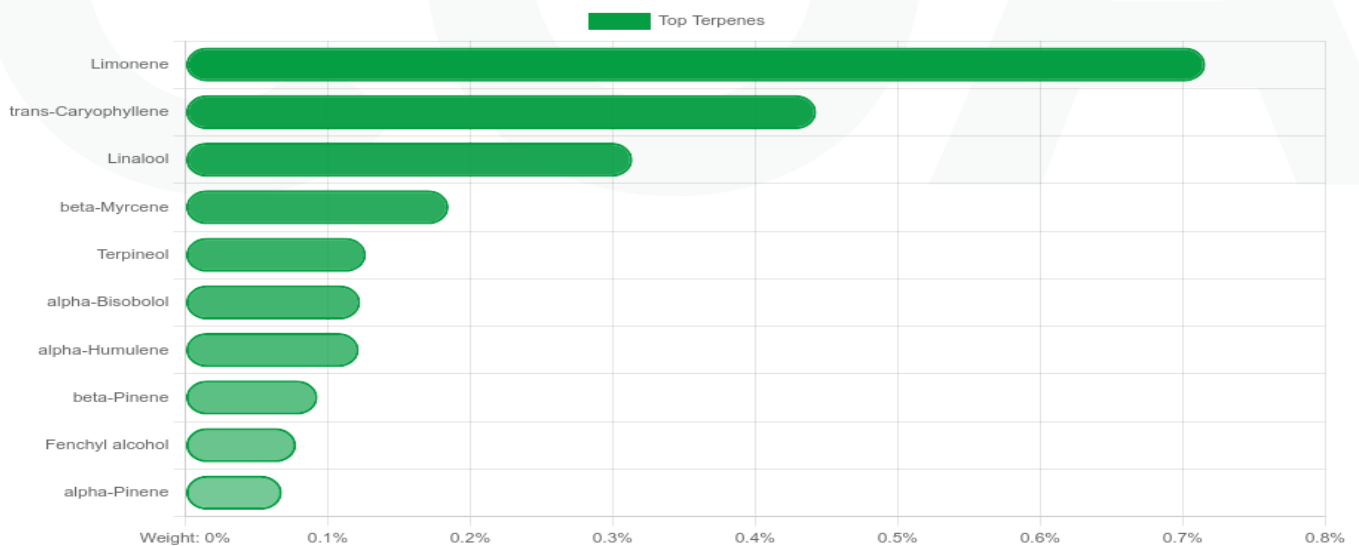
Sample Prep

Tech: 4090
SOP: 421
Batch Number: 62507
Batch Date: 03/20/2024 12:04:57

Sample Analysis

Date/Time: 03/22/2024 19:57:10
Tech: 2816
SOP: 419
Final Weight: 0.4051 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	0.003
alpha-Bisobolol	0.001/0.003	1	0.123	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	ND
alpha-Humulene	0.001/0.003	1	0.122	Hexahydrothymol	0.001/0.003	1	<LOQ
alpha-Pinene	0.001/0.003	1	0.068	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	0.185	Limonene	0.001/0.003	1	0.716
beta-Pinene	0.001/0.003	1	0.093	Linalool	0.001/0.003	1	0.314
Borneol	0.001/0.003	1	0.014	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	0.018	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.006	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	<LOQ	Terpineol	0.001/0.003	1	0.127
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.008
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.443
Eucalyptol	0.001/0.003	1	<LOQ	trans-Nerolidol	0.001/0.003	1	0.033
Fenchone	0.001/0.003	1	0.015	trans-Ocimene	0.001/0.003	1	0.038
Fenchyl alcohol	0.001/0.003	1	0.078	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 2816
SOP: 428
Batch Number: 62527
Batch Date: 03/22/2024 11:01:51

Sample Analysis

Date/Time: 03/22/2024 16:06:12
Tech: 3445
SOP: 428
Final Weight: 0.2608 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	200	ND
Cadmium	20/75	1	200	ND
Lead	20/75	1	500	ND
Mercury	20/75	1	200	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 03/21/2024 19:17:35
Tech: 1012
SOP: 409
Final Weight: 10.6 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 1012
SOP: 406

Batch Number: 62555
Batch Date: 03/25/2024 17:48:59

Date/Time: 03/28/2024 17:53:05
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0196 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	< 100,000 CFU/g	51,338	PASS

Sample Prep

Tech: 3358
SOP: 406

Batch Number: 62508
Batch Date: 03/20/2024 12:10:12

Date/Time: 03/22/2024 16:46:41
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0102 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 3358
SOP: 406

Batch Number: 62508
Batch Date: 03/20/2024 12:10:12

Date/Time: 03/22/2024 16:46:41
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0102 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

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**TOTAL CONTAMINANT
LOAD (TCL)***

PASS

Heavy Metals: ND ppm
Agricultural Agents: ND ppm
Total: ND ppm

* Present above the LOD but below the acceptable
limit

WATER ACTIVITY

Water Activity Meter
Water: 0.467 Aw

Sample Prep and Analysis

Date/Time: 03/21/2024 19:41:34
Tech: 1012
SOP: 407
Final Weight: 1.0641 g

MOISTURE ANALYSIS

Moisture: 13.90 %

Sample Prep and Analysis

Date/Time: 03/21/2024 20:02:10
Tech: 1012
SOP: 411
Final Weight: 0.298 g

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