



# Red Velvet

Sample ID: 2407EXL2095.9192

Strain: Red Velvet

Matrix: Plant

Type: Flower - Cured

Sample Size: ; Batch:

Produced:

Collected: 07/18/2024

Received: 07/18/2024

Completed: 07/23/2024

Batch#: 2024Q3GTL

Client

Lic. #



## Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	07/19/2024	Complete
Foreign Matter	07/19/2024	Complete
Heavy Metals	07/23/2024	Pass
Microbials	07/23/2024	Pass
Moisture	07/19/2024	12.9% - Complete
Mycotoxins	07/23/2024	Pass
GCMS Pesticides	07/23/2024	Pass
LCMS Pesticides	07/23/2024	Pass
Water Activity	07/19/2024	0.46 aw - Pass

## Cannabinoids

Complete

<b>30.897%</b> Total THC	<b>ND</b> Total CBD	<b>31.189%</b> Total Cannabinoids
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Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
CBC	0.009	0.025	0.1356	1.356
CBD	0.025	0.100	ND	ND
CBDa	0.019	0.050	ND	ND
CBDV	0.125	1.000	ND	ND
CBG	0.019	0.050	0.1568	1.568
CBGa	0.125	0.250	ND	ND
CBN	0.009	0.050	ND	ND
Δ8-THC	0.025	0.100	ND	ND
Δ9-THC	0.019	0.100	0.2140	2.140
THCa	0.013	0.050	34.9858	349.858
THCV	0.025	0.100	ND	ND
<b>Total THC</b>			<b>30.897</b>	<b>308.966</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>
<b>Total CBG</b>			<b>0.157</b>	<b>1.568</b>
<b>Total</b>			<b>31.189</b>	<b>311.890</b>

Date Tested: 07/19/2024

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; Total CBG = CBGa \* 0.877 + CBG.  
Total Cannabinoids = Total THC + Total CBD + Total CBG + minor cannabinoids.

Cannabinoids: HPLC, CAN-SOP-001

Water Activity: Water Activity Meter, WA-SOP-001

Moisture Content: Moisture Analyzer, MO-SOP-001

Foreign Matter: Visual Inspection, FM-SOP-001

*Dr. Jerry White PhD Bryan Zahakaylo*

Jerry White, PhD  
Chief Scientific Officer  
07/23/2024

Bryan Zahakaylo  
Analyst  
07/23/2024

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### GC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Captan	0.231	0.7	0.7	ND	Pass
Chlordane (trans + cis)	0.0116	0.035	0.0116	ND	Pass
Chlorfenapyr	0.0058	0.0175	0.0058	ND	Pass
Cyfluthrin	0.0231	0.07	2	ND	Pass
Cypermethrin	0.0231	0.07	1	ND	Pass
Parathion Methyl	0.0058	0.0175	0.0058	ND	Pass
Pentachloronitrobenzene (Quintozene)	0.0231	0.07	0.1	ND	Pass

### Mycotoxins

Pass

Analytes	LOD	LOQ	Limit	Conc.	Status
	PPB	PPB	PPB	PPB	
Aflatoxin B1	1.7000	5.0000		ND	Tested
Aflatoxin B2	1.7000	5.0000		ND	Tested
Aflatoxin G1	1.7000	5.0000		ND	Tested
Aflatoxin G2	1.7000	5.0000		ND	Tested
Ochratoxin A	6.6000	20.0000	20	ND	Pass
Total Aflatoxins			20	ND	Pass

### Microbials

Pass

Analyte	Limit	Detected / Not Detected	Status
	RFU/g	RFU/g	
Aspergillus flavus	0	Not Detected	Pass
Aspergillus fumigatus	0	Not Detected	Pass
Aspergillus niger	0	Not Detected	Pass
Aspergillus terreus	0	Not Detected	Pass
Shiga toxin-producing E. Coli	0	Not Detected	Pass
Salmonella SPP	0	Not Detected	Pass

### Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.0165	0.05	0.2	ND	Pass
Cadmium	0.0165	0.05	0.2	ND	Pass
Lead	0.0413	0.125	0.5	ND	Pass
Mercury	0.0033	0.01	0.1	ND	Pass

GCMS Date Tested: 07/23/2024

Pesticides: GC-MS/MS, GCMS Method GCP-SOP-001

LCMS Date Tested: 07/23/2024

Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001

Microbial Date Tested: 07/23/2024

Microbials Footnote: Microbial: PCR-SOP-001

RFU = Relative Fluorescence Units

Heavy Metals Date Tested: 07/23/2024

Heavy Metals: Heavy Metals: ICP-MS, HM-SOP-001

*Dr. Jerry White PhD Bryan Zahakaylo*

Jerry White, PhD  
Chief Scientific Officer  
07/23/2024

Bryan Zahakaylo  
Analyst  
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## LC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.033	0.1	0.1	ND	Pass	Imazalil	0.033	0.1	0.033	ND	Pass
Acephate	0.033	0.1	0.1	ND	Pass	Imidacloprid	0.033	0.1	5	ND	Pass
Acequinocyl	0.033	0.1	0.1	ND	Pass	Kresoxim Methyl	0.033	0.1	0.1	ND	Pass
Acetamiprid	0.033	0.1	0.1	ND	Pass	Malathion	0.033	0.1	0.5	ND	Pass
Aldicarb	0.033	0.1	0.033	ND	Pass	Metalaxyl	0.033	0.1	2	ND	Pass
Azoxystrobin	0.033	0.1	0.1	ND	Pass	Methiocarb	0.033	0.1	0.033	ND	Pass
Bifenazate	0.033	0.1	0.1	ND	Pass	Methomyl	0.033	0.1	1	ND	Pass
Bifenthrin	0.033	0.1	3	ND	Pass	Mevinphos	0.033	0.1	0.033	ND	Pass
Boscalid	0.033	0.1	0.1	ND	Pass	Myclobutanil	0.033	0.1	0.1	ND	Pass
Carbaryl	0.033	0.1	0.5	ND	Pass	Naled	0.033	0.1	0.1	ND	Pass
Carbofuran	0.033	0.1	0.033	ND	Pass	Oxamyl	0.033	0.1	0.5	ND	Pass
Chlorantraniliprole	0.033	0.1	10	ND	Pass	Pacllobutrazol	0.033	0.1	0.033	ND	Pass
Chlorpyrifos	0.033	0.1	0.033	ND	Pass	Permethrin (trans + cis)	0.033	0.1	0.5	ND	Pass
Clofentezine	0.033	0.1	0.1	ND	Pass	Phosmet	0.033	0.1	0.1	ND	Pass
Coumaphos	0.033	0.1	0.033	ND	Pass	Piperonyl Butoxide	0.033	0.1	3	ND	Pass
Daminozide	0.033	0.1	0.033	ND	Pass	Prallethrin	0.033	0.1	0.1	ND	Pass
Diazinon	0.1	0.1	0.1	ND	Pass	Propiconazole	0.033	0.1	0.1	ND	Pass
Dichlorvos	0.033	0.1	0.033	ND	Pass	Propoxur	0.033	0.1	0.033	ND	Pass
Dimethoate	0.033	0.1	0.033	ND	Pass	Pyrethrins (Cinerin + Jasmolin + Pyrethrin)	0.0133	0.04	0.5	ND	Pass
Dimethomorph (I + II)	0.033	0.1	2	ND	Pass	Pyridaben	0.033	0.1	0.1	ND	Pass
Ethoprophos	0.033	0.1	0.033	ND	Pass	Spinetoram (J + L)	0.033	0.1	0.1	ND	Pass
Etofenprox	0.033	0.1	0.033	ND	Pass	Spinosyn (A + D)	0.033	0.1	0.1	ND	Pass
Etoxazole	0.033	0.1	0.1	ND	Pass	Spiromesifen	0.033	0.1	0.1	ND	Pass
Fenhexamid	0.033	0.1	0.1	ND	Pass	Spirotetramat	0.033	0.1	0.1	ND	Pass
Fenoxycarb	0.033	0.1	0.033	ND	Pass	Spiroxamine	0.033	0.1	0.033	ND	Pass
Fenpyroximate	0.033	0.1	0.1	ND	Pass	Tebuconazole	0.033	0.1	0.1	ND	Pass
Fipronil	0.033	0.1	0.033	ND	Pass	Thiacloprid	0.033	0.1	0.033	ND	Pass
Flonicamid	0.033	0.1	0.1	ND	Pass	Thiamethoxam	0.033	0.1	5	ND	Pass
Fludioxonil	0.033	0.1	0.1	ND	Pass	Trifloxystrobin	0.033	0.1	0.1	ND	Pass
Hexythiazox	0.033	0.1	0.1	ND	Pass						

LCMS Date Tested: 07/23/2024  
Pesticides: LC-MS/MS. LCMS Method LCP-SOP-001

*Dr. Jerry White PhD* *Bryan Zahakaylo*

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ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, LOQ = Limit of Quantitation. This product has been tested by Excelbis Labs LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Excelbis Labs LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Excelbis Labs LLC.