

Fire Leaf 1 Gram

Lab Sample Number: F505070-01 - Date reported: June 17, 2025

Client: Red Dragon Novelty, Inc.

Address: 145 Horizon Ct. Lakeland, FL 33813

Phone: (321)795-7750

Project: Red Dragon Exotic 05/06/2025

Permit Type: 448

Manufacturer Food Entity Number: 416771

Distributor Food Entity Number: 423320

Manufacturer Permit Number: 2026-R-2198776

Distributor Permit Number: 2025-N-2147798

Lab Sample Number: F505070-01

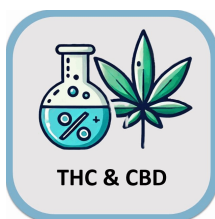


Date Sampled: 05/06/2025

Date Received: 05/06/2025

Compliance for Retail

SUMMARY



POTENCY

Tested



TERPENES

Not Tested



PESTICIDES

Pass



HEAVY METALS

Pass



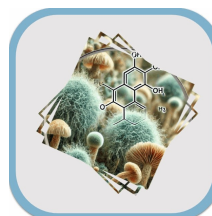
RESIDUAL SOLVENTS

Not Tested



MICROBIAL TESTING

Pass



MYCOTOXINS

Pass



MOISTURE CONTENT

Pass



FOREIGN MATERIALS

Pass



WATER ACTIVITY

Pass

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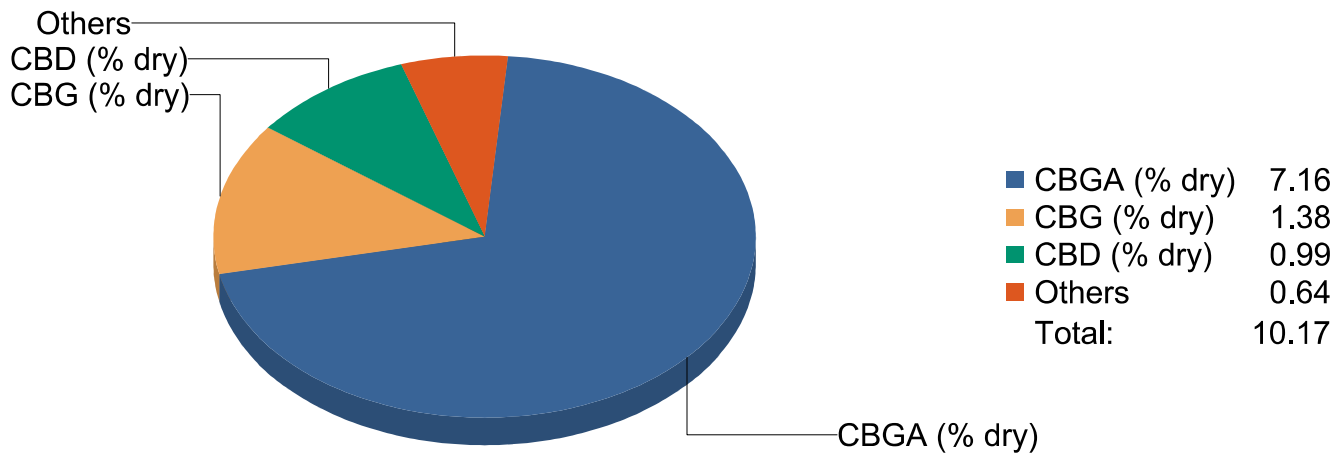
**Dr. Harry Behzadi, PhD.
President, CEO**



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Cannabinoids Summary Profile



10.17%
Total
Cannabinoids

0.058%
Δ9-THC

0.284%
Total THC

0.992%
Total CBD

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Potency (as Received)

Tested

Date Prepared: 06/16/2025

Date Analyzed: 06/16/2025

Lab Batch: B25F050

Prep ID: JG

Analyst ID: JG

Sample Prep: 1.003 g / 10 mL

Prep/Analysis Method: ACCU LAB SOP15

Instrument: HPLC-DAD

Analyte	Dilution	LOQ %	Results	
			%	mg/g
Cannabichromene (CBC)	10	0.0400	0.239	2.39
Cannabichromenic acid (CBCA)	10	0.0400	0.084	0.840
Cannabidiol (CBD)	10	0.0400	0.992	9.92
Cannabidiolic acid (CBDA)	100	0.400	ND	ND
Cannabidivarin (CBDV)	10	0.0400	ND	ND
Cannabidivarinic acid (CBDVA)	10	0.0400	ND	ND
Cannabigerol (CBG)	100	0.400	1.38	13.8
Cannabigerolic acid (CBGA)	100	0.400	7.16	71.6
Cannabinol (CBN)	10	0.0400	ND	ND
Δ 8-Tetrahydrocannabinol (Δ 8-THC)	10	0.0400	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	10	0.0400	0.058	0.580
Δ9-Tetrahydrocannabinolic acid (THCA)	10	0.0400	0.257	2.57
Tetrahydrocannabivarin (THCV)	10	0.0400	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	10	0.0400	ND	ND

Definitions and Abbreviations:

Total CBD = CBD + (CBDA * 0.877), **Total THC** = THCA * 0.877 + Delta 9 THC, **LOQ** = Limit of Quantitation, **ND** = Non-Detect.

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Lab Sample Number: F505070-01 - Date reported: June 17, 2025

Pesticides

Pass

Date Prepared: 06/07/2025

Date Analyzed: 06/12/2025

Lab Batch: B25F022

Prep ID: KF

Analyst ID: AJ

Sample Prep: 1.0622 g / 10 mL

Instrument: LC-MS/MS

Analysis Method: ACCU LAB SOP18

Analyte	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Abamectin	100	100	47	ND	Pass
Acephate	100	100	47	ND	Pass
Acequinocyl	100	100	47	ND	Pass
Acetamiprid	100	100	47	ND	Pass
Aldicarb	100	100	47	ND	Pass
Azoxystrobin	100	100	47	ND	Pass
Bifenazate	100	100	47	ND	Pass
Bifenthrin	100	100	47	ND	Pass
Boscalid	100	100	47	ND	Pass
Carbaryl	100	500	47	ND	Pass
Carbofuran	100	100	47	ND	Pass
Chlorantraniliprole	100	1000	47	ND	Pass
Chlorfenapyr	100	100	47	ND	Pass
Chloromequat	100	1000	47	ND	Pass
Chlorpyrifos	100	100	47	ND	Pass
Clofentezine	100	200	47	ND	Pass
Coumaphos	100	100	47	ND	Pass
Cyfluthrin	100	500	47	ND	Pass
Cypermethrin	100	500	47	ND	Pass
Daminozide	100	100	47	ND	Pass
Diazinon	100	100	47	ND	Pass
Dichlorvos	100	100	47	ND	Pass
Dimethoate	100	100	47	ND	Pass
Dimethomorph	100	200	47	ND	Pass
Ethoprophos	100	100	47	ND	Pass
Etofenprox	100	100	47	ND	Pass
Etoxazole	100	100	47	ND	Pass
Fenhexamid	100	100	47	ND	Pass
Fenoxycarb	100	100	47	ND	Pass
Fenpyroximate	100	100	47	ND	Pass
Fipronil	100	100	47	ND	Pass
Flonicamid	100	100	47	ND	Pass
Fludioxonil	100	100	47	ND	Pass
Hexythiazox	100	100	47	ND	Pass
Imazalil	100	100	47	ND	Pass
Imidacloprid	100	400	47	ND	Pass

Analyte	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Kresoxim methyl	100	100	47	ND	Pass
Malathion	100	200	47	ND	Pass
Metalaxyl	100	100	47	ND	Pass
Methiocarb	100	100	47	ND	Pass
Methomyl	100	100	47	ND	Pass
Mevinphos	100	100	47	ND	Pass
Myclobutanil	100	100	47	ND	Pass
Naled	100	250	47	ND	Pass
Oxamyl	100	500	47	ND	Pass
Paclobutrazol	100	100	47	ND	Pass
Permethrin	100	100	47	ND	Pass
Phosmet	100	100	47	ND	Pass
Piperonyl butoxide	100	3000	47	ND	Pass
Prallethrin	100	100	47	ND	Pass
Propiconazole	100	100	47	ND	Pass
Propoxur	100	100	47	ND	Pass
Pyrethrins	100	500	47	ND	Pass
Pyridaben	100	200	47	ND	Pass
Spinetoram J	100	200	47	ND	Pass
Spinetoram L	100	200	47	ND	Pass
Spinosyn A	100	100	47	ND	Pass
Spinosyn D	100	100	47	ND	Pass
Spiromesifen	100	100	47	ND	Pass
Spirotetramat	100	100	47	ND	Pass
Spiroxamine	100	100	47	ND	Pass
Tebuconazole	100	100	47	ND	Pass
Thiacloprid	100	100	47	ND	Pass
Thiamethoxam	100	500	47	ND	Pass
Trifloxystrobin	100	100	47	ND	Pass
Captan	1	700	61	ND	Pass
Chlordane	1	100	12	ND	Pass
Methyl parathion	1	100	12	ND	Pass
Pentachloronitrobenze	1	150	12	ND	Pass

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Lab Sample Number: F505070-01 - Date reported: June 17, 2025

Mycotoxins

Pass

Date Prepared: 06/07/2025

Extracted By: KF

Sample Prep: 1.0622 g / 10 mL

Date Analyzed: 06/12/2025

Analyzed By: AJ

Instrument: LC-MS/MS

Lab Batch: B25F022

Analysis Method: ACCU LAB SOP18

Analyte	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Aflatoxin B1	100	20	9.4	ND	Pass
Aflatoxin B2	100	20	9.4	ND	Pass
Aflatoxin G1	100	20	9.4	ND	Pass
Aflatoxin G2	100	20	9.4	ND	Pass
Ochratoxin A	100	20	9.4	ND	Pass

Definitions and Abbreviations:

LOQ = Limit of Quantitation, Dil. = Dilution Factor, ppb = parts per billion, (ND) = Non-Detect.

Heavy Metals

Pass

Date Prepared: 05/09/2025

Digested By: TJ

Sample Prep: 1.03 g / 50 mL

Date Analyzed: 06/16/2025

Analyzed By: JG

Instrument: ICP-MS

Lab Batch: B25D032

Analysis Method: ACCU LAB SOP19

Analyte	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Arsenic	1	200	97	98	Pass
Cadmium	1	200	97	ND	Pass
Lead	1	500	97	290	Pass
Mercury	1	200	97	ND	Pass

Definitions and Abbreviations:

LOQ = Limit of Quantitation, Dil. = Dilution Factor, (ppb) = parts per billion, (ND) = Non-Detect.

Total Contaminant Load

Total Contaminant Load	Action Limit ppb	Results ppb	Status
Total Contaminant Load - Heavy Metals	5,000	388	Pass
Total Contaminant Load - Overall Sum	5,000	388	Pass
Total Contaminant Load - Pesticides	5,000	ND	Pass

Total Contaminant Load (TCL): The sum of all Heavy Metals and Agricultural Agents present above the LOQ.

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Microbials

Pass

Date Prepared: 06/05/2025

Prep ID: EG

Date Analyzed: 06/09/2025

Analyst ID: ES

Lab Batch: B25E031

Sample Prep: 10 g / 10 g

Analysis Method: Microbials Analysis

Instrument: QPCR/Plate

Analyte	Action Limit	Results				Status
		LOQ CFU/g	Quantitation CFU/g	Quantitative Technique	PCR Detection	
Listeria	1 CFU/ 10 g	1	ND	Plate	N/A	Pass

Date Prepared: 06/05/2025

Prep ID: EG

Date Analyzed: 06/09/2025

Analyst ID: ES

Lab Batch: B25E031

Sample Prep: 10 g / 10 g

Analysis Method: Microbials Analysis

Instrument: QPCR/Plate

Analyte	Action Limit	Results				Status
		LOQ CFU/g	Quantitation CFU/g	Quantitative Technique	PCR Detection	
Salmonella	1 CFU/ 10 g	1	ND	Plate	N/A	Pass

Date Prepared: 06/05/2025

Prep ID: EG

Date Analyzed: 06/09/2025

Analyst ID: ES

Lab Batch: B25E031

Sample Prep: 10 g / 10 g

Analysis Method: Microbials Analysis

Instrument: QPCR/Plate

Analyte	Action Limit	Results				Status
		LOQ CFU/g	Quantitation CFU/g	Quantitative Technique	PCR Detection	
E. Coli	1 CFU/ 10 g	1	ND	Plate	N/A	Pass

Definitions and Abbreviations:

LOQ = Limit of Quantitation, (CFU/g) = Colony Forming Unit per gram, (ND) = Non-Detect.

Water Activity

Pass

Date Prepared: 05/09/2025

Prep ID: TJ

Sample Prep: 0.5 g / 0.5 g

Date Analyzed: 05/09/2025

Analyst ID: TJ

Instrument: Rotronic Water Activity Probe

Lab Batch: B25E014

Analysis Method: ACCU LAB SOP10

Analyte	Action Limit	Result	Status
	A_w	A_w	
Water Activity	0.65	0.44	Pass

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Moisture Content

Pass

Date Prepared: 05/09/2025
Date Analyzed: 05/09/2025
Lab Batch: B25E014

Prep ID: TJ
Analyst ID: TJ

Sample Prep: 0.5 g / 0.5 g
Instrument: OHAUS MB90
Analysis Method: ACCU LAB SOP11

Analyte	Action Limit	Result	Status
	%	%	
Percent Moisture	15	7.3	Pass

Foreign Materials

Pass

Date Prepared: 05/09/2025
Date Analyzed: 06/16/2025
Lab Batch: B25E014

Prep ID: JG
Analyst ID: JG

Sample Prep: 0.5 g / 0.5 g
Instrument: Visual Inspection
Analysis Method: ACCU LAB SOP04

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1%	Pass	Pass

Cannabinoids (Dry-Weight-Corrected)

Date Prepared: 06/16/25 14:37
Date Analyzed: 06/16/25 14:44
Lab Batch: B25F050

Prep ID: JG
Analyst ID: JG

Sample Prep: 1.003 g / 10 mL
Instrument: HPLC-DAD
Prep/Analysis Method: ACCU LAB SOP15

Analyte	Dilution	LOQ %	Results	
			%	mg/g
Cannabichromene (CBC)	10	0.0432	0.258	2.58
Cannabichromenic acid (CBCA)	10	0.0432	0.0906	0.906
Cannabidiol (CBD)	10	0.0432	1.07	10.7
Cannabidiolic acid (CBDA)	100	0.432	ND	ND
Cannabidivarin (CBDV)	10	0.0432	ND	ND
Cannabidivarinic acid (CBDVA)	10	0.0432	ND	ND
Cannabigerol (CBG)	100	0.432	1.49	14.9
Cannabigerolic acid (CBGA)	100	0.432	7.73	77.3
Cannabinol (CBN)	10	0.0432	ND	ND
delta-8-Tetrahydrocannabinol (delta-8-THC)	10	0.0432	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	10	0.0432	0.0626	0.626
delta-9-Tetrahydrocannabinolic acid (THCA)	10	0.0432	0.277	2.77
Tetrahydrocannabivarin (THCV)	10	0.0432	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	10	0.0432	ND	ND

Definitions and Abbreviations:

Total CBD = CBD + (CBDA * 0.877), Total THC = THCA * 0.877 + Delta 9 THC, LOQ = Limit of Quantitation, ND = Non-Detect.

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