Certificate of Analysis

ISO/IEC 17025 Accreditation No.: 109150

Lab Address: 40 S Dewey Street, Eustis, FL, 32726

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Client: Red Dragon Novelty, Inc.

Address: 145 Horizon Ct., Lakeland, FL 33813
Phone: (863) 220-6880
Project: 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

Compliance for Retail

Lab Sample Number: F505074-02

Date Sampled: 05/06/2025
Date Received: 05/06/2025

SUMMARY

POTENCY	TERPENES	PESTICIDES	HEAVY METALS
Tested	Not Tested	Pass	Pass

RESIDUAL SOLVENTS	MICROBIAL TESTING	MYCOTOXINS	MOISTURE CONTENT
Pass	Pass	Pass	Pass

FOREIGN MATERIALS	WATER ACTIVITY
Pass	Pass

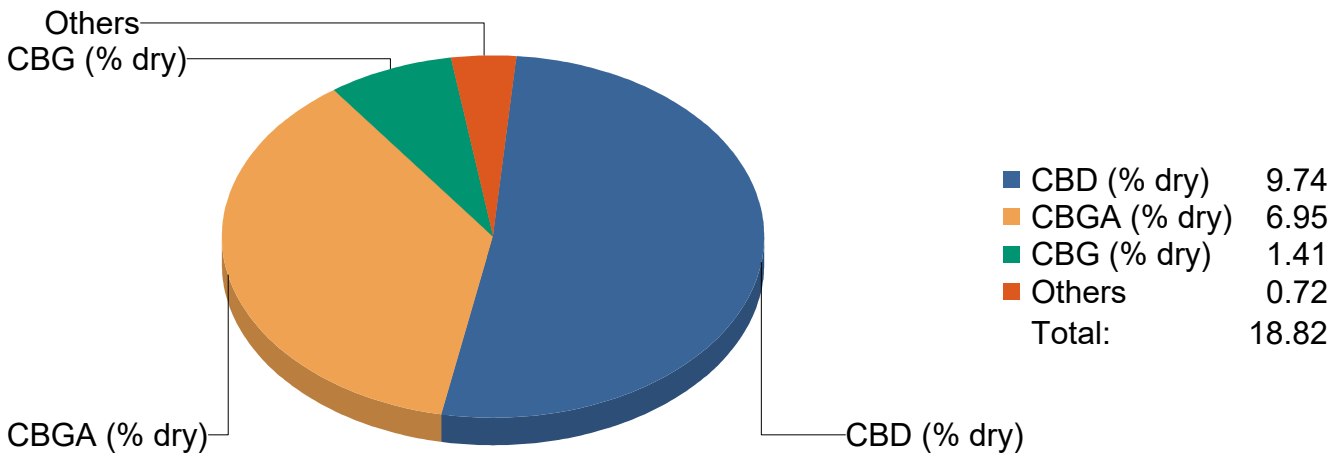
PJLA Testing
Accreditation#: 109150

Dr. Harry Behzadi, PhD.
President, CEO

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Cannabinoids Summary Profile



18.82% Total Cannabinoids		
0.058% Δ9-THC	**0.286%** Total THC	**9.84%** Total CBD

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

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Potency (as Received)

Tested

Date Prepared: 07/01/2025
Date Analyzed: 07/31/2025
Lab Batch: B25F050

Prep ID: JG
Analyst ID: JG

Sample Prep: 3.5035 g / 30 mL
Prep/Analysis Method: ACCU LAB SOP15
Instrument: HPLC-DAD

Analyte	CAS Number	Dilution	LOQ %	Results %	Results mg/g
Cannabichromene (CBC)	20675-51-8	10	0.0400	**0.244**	**2.44**
Cannabichromenic acid (CBCA)	185505-15-1	10	0.0400	**0.087**	**0.870**
Cannabidiol (CBD)	13956-29-1	200	0.800	**9.74**	**97.4**
Cannabidiolic acid (CBDA)	1244-58-2	10	0.0400	**0.073**	**0.730**
Cannabidivarin (CBDV)	24274-48-4	10	0.0400	ND	ND
Cannabidivarinic acid (CBDVA)	31932-13-5	10	0.0400	ND	ND
Cannabigerol (CBG)	25654-31-3	100	0.400	**1.41**	**14.1**
Cannabigerolic acid (CBGA)	25555-57-1	100	0.400	**6.95**	**69.5**
Cannabinol (CBN)	521-35-7	10	0.0400	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	5957-75-5	10	0.0400	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	1972-08-3	10	0.0400	**0.058**	**0.580**
Δ9-Tetrahydrocannabinolic acid (THCA)	23978-85-0	10	0.0400	**0.259**	**2.59**
Tetrahydrocannabivarin (THCV)	31262-37-0	10	0.0400	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	39986-26-0	10	0.0400	ND	ND

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

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Pesticides

Pass

Date Prepared: 07/10/2025
Date Analyzed: 07/10/2025
Lab Batch: B25G032

Prep ID: AJ
Analyst ID: AJ

Sample Prep: 1.0546 g / 10 mL
Instrument: LC-MS/MS

Analysis Method: ACCU LAB SOP18

Analyte	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Abamectin	10	100	4.7	ND	Pass
Acephate	10	100	4.7	ND	Pass
Acequinocyl	10	100	4.7	ND	Pass
Acetamiprid	10	100	4.7	ND	Pass
Aldicarb	10	100	4.7	ND	Pass
Azoxystrobin	10	100	4.7	ND	Pass
Bifenazate	10	100	4.7	ND	Pass
Bifenthrin	10	100	4.7	ND	Pass
Boscalid	10	100	4.7	ND	Pass
Carbaryl	10	500	4.7	ND	Pass
Carbofuran	10	100	4.7	ND	Pass
Chlorantraniliprole	10	1000	4.7	ND	Pass
Chlorfenapyr	10	100	4.7	ND	Pass
Chlormequat	10	1000	4.7	ND	Pass
Chlorpyrifos	10	100	4.7	ND	Pass
Clofentezine	10	200	4.7	ND	Pass
Coumaphos	10	100	4.7	ND	Pass
Cyfluthrin	10	500	4.7	ND	Pass
Cypermethrin	10	500	4.7	ND	Pass
Daminozide	10	100	4.7	ND	Pass
Diazinon	10	100	4.7	ND	Pass
Dichlorvos	10	100	4.7	ND	Pass
Dimethoate	10	100	4.7	ND	Pass
Dimethomorph	10	200	4.7	ND	Pass
Ethoprophos	10	100	4.7	ND	Pass
Etofenprox	10	100	4.7	ND	Pass
Etoxazole	10	100	4.7	ND	Pass
Fenhexamid	10	100	4.7	ND	Pass
Fenoxycarb	10	100	4.7	ND	Pass
Fenpyroximate	10	100	4.7	ND	Pass
Fipronil	10	100	4.7	ND	Pass
Flonicamid	10	100	4.7	ND	Pass
Fludioxonil	10	100	4.7	ND	Pass
Hexythiazox	10	100	4.7	ND	Pass
Imazalil	10	100	4.7	ND	Pass
Imidacloprid	10	400	4.7	ND	Pass

Analyte	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Kresoxim methyl	10	100	4.7	ND	Pass
Malathion	10	200	4.7	ND	Pass
Metalaxyl	10	100	4.7	ND	Pass
Methiocarb	10	100	4.7	ND	Pass
Methomyl	10	100	4.7	ND	Pass
Mevinphos	10	100	4.7	ND	Pass
Myclobutanil	10	100	4.7	ND	Pass
Naled	10	250	4.7	ND	Pass
Oxamyl	10	500	4.7	ND	Pass
Paclobutrazol	10	100	4.7	ND	Pass
Permethrin	10	100	4.7	ND	Pass
Phosmet	10	100	4.7	ND	Pass
Piperonyl butoxide	10	3000	4.7	ND	Pass
Prallethrin	10	100	4.7	ND	Pass
Propiconazole	10	100	4.7	ND	Pass
Propoxur	10	100	4.7	ND	Pass
Pyrethrins	10	500	4.7	ND	Pass
Pyridaben	10	200	4.7	ND	Pass
Spinetoram J	10	200	4.7	ND	Pass
Spinetoram L	10	200	4.7	ND	Pass
Spinosyn A	10	100	4.7	ND	Pass
Spinosyn D	10	100	4.7	ND	Pass
Spiromesifen	10	100	4.7	ND	Pass
Spirotetramat	10	100	4.7	ND	Pass
Spiroxamine	10	100	4.7	ND	Pass
Tebuconazole	10	100	4.7	ND	Pass
Thiacloprid	10	100	4.7	ND	Pass
Thiamethoxam	10	500	4.7	ND	Pass
Trifloxystrobin	10	100	4.7	ND	Pass
Captan	1	700	120	ND	Pass
Chlordane	1	100	25	ND	Pass
Methyl parathion	1	100	25	ND	Pass
Pentachloronitrobenze	1	150	25	ND	Pass

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Mycotoxins

Pass

Date Prepared: 07/10/2025
Date Analyzed: 07/10/2025
Lab Batch: B25G032

Extracted By: AJ
Analyzed By: AJ

Sample Prep: 1.0546 g / 10 mL
Instrument: LC-MS/MS
Analysis Method: ACCU LAB SOP18

Analyte	CAS Number	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Aflatoxin B1	1162-65-8	10	20	0.9	ND	Pass
Aflatoxin B2	7220-81-7	10	20	0.9	ND	Pass
Aflatoxin G1	1165-39-5	10	20	0.9	ND	Pass
Aflatoxin G2	7241-98-7	10	20	0.9	ND	Pass
Ochratoxin A	303-47-9	10	20	0.9	ND	Pass

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

Heavy Metals

Pass

Date Prepared: 07/24/2025
Date Analyzed: 07/31/2025
Lab Batch: B25G092

Digested By: JG
Analyzed By: JG

Sample Prep: 1.01 g / 50 mL
Instrument: ICP-MS
Analysis Method: ACCU LAB SOP19

Analyte	CAS Number	Dil.	Action Limit ppb	LOQ ppb	Results ppb	Status
Arsenic	7440-38-2	1	200	100	ND	Pass
Cadmium	7440-43-9	1	200	100	ND	Pass
Lead	7439-92-1	1	500	100	ND	Pass
Mercury	7439-97-6	1	200	100	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 - Pesticides & Herbicides	5,000	ND	Pass
Total Contaminant Load - Heavy Metals	5,000	ND	Pass
Total Contaminant Load - Overall Sum	5,000	ND	Pass

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

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Microbials

Pass

Date Prepared: 07/21/2025 **Date Analyzed:** 07/23/2025

Lab Batch: B25G077 **Analysis Method:** ACCU LAB SOP14 (Microbials Analysis)

Analyte	Action Limit	Sample Prep	ID Prep/ Analyst	Results				Status
				LOQ CFU/g	Quantitation CFU/g	Quantitative Technique	PCR Detection	
Total Yeast and Mold	100000 CFU/ 1 g	1 g / 1 g	JG/EG	10000	ND	Plate	N/A	Pass
Aspergillus Flavus	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
Aspergillus Fumigatus	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
Aspergillus Niger	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
Aspergillus Terreus	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
E. coli specific gene	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
E. coli/shigella spp.	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
Salmonella specific gene	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
Stx1 gene	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass
Stx2 gene	1 CFU/ 1 g	1 g / 1 g	JG/EG	1	N/A	N/A	ND	Pass

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

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Residual Solvents

Pass

Date Prepared: 09/29/2025 **Prep ID:** DH **Sample Prep:** 0.1035 g / 1 mL
Date Analyzed: 09/29/2025 **Analyst ID:** DH **Instrument:** Headspace GC-FID
Lab Batch: B25I074 **Analysis Method:** ACCU LAB SOP16

Analyte	CAS Number	DIL	Action Limit ppm	LOQ ppm	Results ppm	Status
1,1-Dichloroethene	75-35-4	1	8	1.9	ND	Pass
1,2-Dichloroethane	107-06-2	1	2	1.9	ND	Pass
2-Propanol (IPA)	67-63-0	1	500	19	ND	Pass
Acetone	67-64-1	1	750	19	**24**	Pass
Acetonitrile	75-05-8	1	60	19	ND	Pass
Benzene	71-43-2	1	1	0.19	ND	Pass
Butane	106-97-8	1	5000	9.7	ND	Pass
Chloroform	67-66-3	1	2	1.9	ND	Pass
Ethanol	64-17-5	1	5000	19	ND	Pass
Ethyl acetate	141-78-6	1	400	1.9	ND	Pass
Ethyl ether	60-29-7	1	500	1.9	ND	Pass
Ethylene oxide	75-21-8	1	5	1.9	ND	Pass
Methanol	67-56-1	1	250	120	ND	Pass
Methylene chloride	75-09-2	1	125	1.9	ND	Pass
n-Heptane	142-82-5	1	5000	1.9	**2.1**	Pass
n-Hexane	110-54-3	1	250	0.39	ND	Pass
Pentane	109-66-0	1	750	0.64	ND	Pass
Propane	74-98-6	1	5000	19	ND	Pass
Toluene	108-88-3	1	150	1.9	ND	Pass
Total Xylenes	1330-20-7	1	150	4.8	ND	Pass
Trichloroethene	79-01-6	1	25	1.9	ND	Pass

Definitions and Abbreviations:
LOQ = Limit of Quantitation, **DIL** = Dilution Factor **(ppm)** = parts per million, **(ND) =** Non-Detect.

Water Activity

Pass

Date Prepared: 07/25/2025 **Prep ID**: JG **Sample Prep:** 0.5 g / 0.5 g
Date Analyzed: 07/25/2025 **Analyst ID:** DEB **Instrument:** Rotronic Water Activity Probe
Lab Batch: B25G056 **Analysis Method:** ACCU LAB SOP10

Analyte	Action Limit A_w	Result A_w	Status
Water Activity	0.65	0.41	Pass

Jealousy - Sativa 7 Gram

Lab Sample Number: F505074-02 **- Date reported:** June 18, 2025

Moisture Content

Pass

Date Prepared: 07/25/2025 **Prep ID:** JG **Sample Prep:** 0.5 g / 0.5 g
Date Analyzed: 07/25/2025 **Analyst ID:** DEB **Instrument:** OHAUS MB90
Lab Batch: B25G056 **Analysis Method:** ACCU LAB SOP11

Analyte	Action Limit %	Result %	Status
Percent Moisture	15	6.3	Pass

Foreign Materials

Pass

Date Prepared: 07/15/2025 **Prep ID:** JG **Sample Prep:** 0.5 g / 0.5 g
Date Analyzed: 07/25/2025 **Analyst ID:** DEB **Instrument:** Visual Inspection
Lab Batch: B25G056 **Analysis Method:** ACCU LAB SOP04

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

Cannabinoids (Dry-Weight-Corrected)

Date Prepared: 07/01/25 14:37 **Prep ID:** JG **Sample Prep:** 3.5035 g / 30 mL
Date Analyzed: 07/31/25 14:26 **Analyst ID:** JG **Instrument:** HPLC-DAD
Lab Batch: B25F050 **Prep/Analysis Method:** ACCU LAB SOP15

Analyte	CAS Number	Dilution	LOQ %	Results %	Results mg/g
Cannabichromene (CBC)	20675-51-8	10	0.0427	**0.260**	**2.60**
Cannabichromenic acid (CBCA)	185505-15-1	10	0.0427	**0.0929**	**0.929**
Cannabidiol (CBD)	13956-29-1	200	0.854	**10.4**	**104**
Cannabidiolic acid (CBDA)	1244-58-2	10	0.0427	**0.0779**	**0.779**
Cannabidivarin (CBDV)	24274-48-4	10	0.0427	ND	ND
Cannabidivarinic acid (CBDVA)	31932-13-5	10	0.0427	ND	ND
Cannabigerol (CBG)	25654-31-3	100	0.427	**1.50**	**15.0**
Cannabigerolic acid (CBGA)	25555-57-1	100	0.427	**7.42**	**74.2**
Cannabinol (CBN)	521-35-7	10	0.0427	ND	ND
delta-8-Tetrahydrocannabinol (delta-8-THC)	5957-75-5	10	0.0427	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	1972-08-3	10	0.0427	**0.0621**	**0.621**
delta-9-Tetrahydrocannabinolic acid (THCA)	23978-85-0	10	0.0427	**0.276**	**2.76**
Tetrahydrocannabivarin (THCV)	31262-37-0	10	0.0427	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	39986-26-0	10	0.0427	ND	ND

Definitions and Abbreviations:
Total CBD = CBD + (CBDA * 0.877), **Total THC** = Delta 9 THC + (Delta 9 THCA * 0.877), **LOQ** = Limit of Quantitation, **ND** = Non-Detect, **N/A** = Not Applicable.