# Certificate of Analysis

**ISO/IEC 17025 Accreditation No.: 109150**

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

## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

**Client: Red Dragon Novelty, Inc.**

**Address:** 145 Horizon Ct., Lakeland, FL 33813
**Phone:** (863) 220-6880
**Project:** Non-Exotic 05/07/2025

**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:** F505082-01

**Date Sampled:** 05/07/2025
**Date Received:** 05/07/2025


## 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

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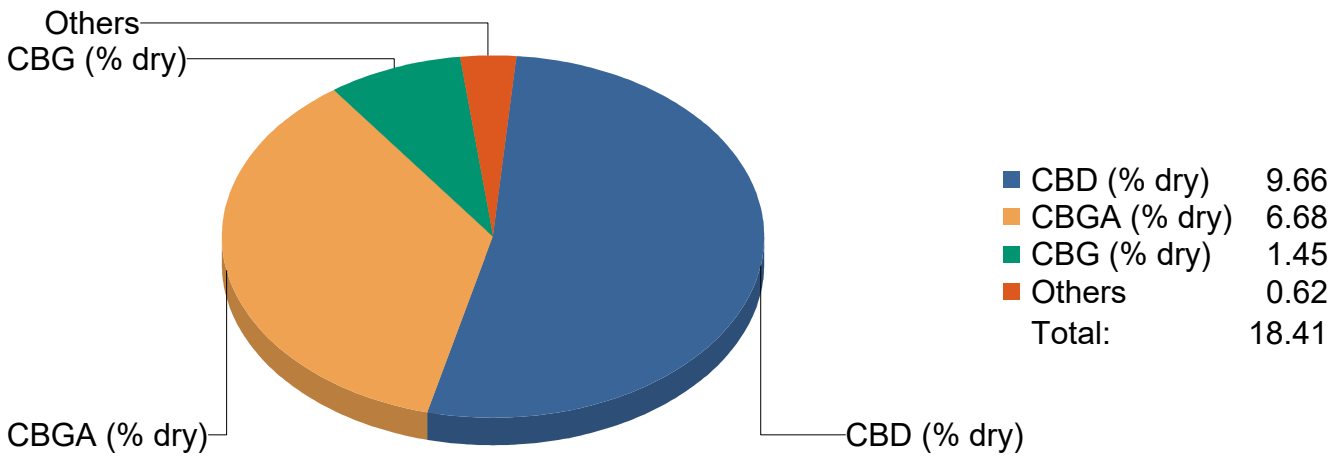
Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Cannabinoids Summary Profile




| | | |
|---|---|---|
| | **18.41%** Total Cannabinoids | |
| **< LOQ** Δ9-THC | **0.229%** Total THC | **9.66%** 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.



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## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Potency (as Received)

**Tested**

**Date Prepared:** 07/27/2025
**Date Analyzed:** 07/27/2025
**Lab Batch:** B25B067

**Prep ID:** TL
**Analyst ID:** DH

**Sample Prep:** 1.0129 g / 10 mL
**Prep/Analysis Method:** ACCU LAB SOP15
**Instrument:** HPLC-DAD

| Analyte | CAS Number | Dilution | LOQ % | Results % | Results mg/g |
|---|---|---|---|---|---|
| **Cannabichromene (CBC)** | 20675-51-8 | 20 | 0.0800 | **0.261** | **2.61** |
| **Cannabichromenic acid (CBCA)** | 185505-15-1 | 20 | 0.0800 | **0.101** | **1.01** |
| **Cannabidiol (CBD)** | 13956-29-1 | 200 | 0.800 | **9.66** | **96.6** |
| Cannabidiolic acid (CBDA) | 1244-58-2 | 20 | 0.0800 | ND | ND |
| Cannabidivarin (CBDV) | 24274-48-4 | 20 | 0.0800 | ND | ND |
| Cannabidivarinic acid (CBDVA) | 31932-13-5 | 20 | 0.0800 | ND | ND |
| **Cannabigerol (CBG)** | 25654-31-3 | 20 | 0.0800 | **1.45** | **14.5** |
| **Cannabigerolic acid (CBGA)** | 25555-57-1 | 200 | 0.800 | **6.68** | **66.8** |
| Cannabinol (CBN) | 521-35-7 | 20 | 0.0800 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 5957-75-5 | 20 | 0.0800 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 1972-08-3 | 20 | 0.0800 | ND | ND |
| **Δ9-Tetrahydrocannabinolic acid (THCA)** | 23978-85-0 | 20 | 0.0800 | **0.261** | **2.61** |
| Tetrahydrocannabivarin (THCV) | 31262-37-0 | 20 | 0.0800 | ND | ND |
| Tetrahydrocannabivarinic acid (THCVA) | 39986-26-0 | 20 | 0.0800 | 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.



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## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Pesticides

**Pass**

**Date Prepared:** 06/07/2025
**Date Analyzed:** 06/12/2025
**Lab Batch:** B25F022

**Prep ID:** KF
**Analyst ID:** AJ

**Sample Prep:** 1.0459 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 | 48 | ND | Pass |
| Acephate | 100 | 100 | 48 | ND | Pass |
| Acequinocyl | 100 | 100 | 48 | ND | Pass |
| Acetamiprid | 100 | 100 | 48 | ND | Pass |
| Aldicarb | 100 | 100 | 48 | ND | Pass |
| Azoxystrobin | 100 | 100 | 48 | ND | Pass |
| Bifenazate | 100 | 100 | 48 | ND | Pass |
| Bifenthrin | 100 | 100 | 48 | ND | Pass |
| Boscalid | 100 | 100 | 48 | ND | Pass |
| Carbaryl | 100 | 500 | 48 | ND | Pass |
| Carbofuran | 100 | 100 | 48 | ND | Pass |
| Chlorantraniliprole | 100 | 1000 | 48 | ND | Pass |
| Chlorfenapyr | 100 | 100 | 48 | ND | Pass |
| Chlormequat | 100 | 1000 | 48 | ND | Pass |
| Chlorpyrifos | 100 | 100 | 48 | ND | Pass |
| Clofentezine | 100 | 200 | 48 | ND | Pass |
| Coumaphos | 100 | 100 | 48 | ND | Pass |
| Cyfluthrin | 100 | 500 | 48 | ND | Pass |
| Cypermethrin | 100 | 500 | 48 | ND | Pass |
| Daminozide | 100 | 100 | 48 | ND | Pass |
| Diazinon | 100 | 100 | 48 | ND | Pass |
| Dichlorvos | 100 | 100 | 48 | ND | Pass |
| Dimethoate | 100 | 100 | 48 | ND | Pass |
| Dimethomorph | 100 | 200 | 48 | ND | Pass |
| Ethoprophos | 100 | 100 | 48 | ND | Pass |
| Etofenprox | 100 | 100 | 48 | ND | Pass |
| Etoxazole | 100 | 100 | 48 | ND | Pass |
| Fenhexamid | 100 | 100 | 48 | ND | Pass |
| Fenoxycarb | 100 | 100 | 48 | ND | Pass |
| Fenpyroximate | 100 | 100 | 48 | ND | Pass |
| Fipronil | 100 | 100 | 48 | ND | Pass |
| Flonicamid | 100 | 100 | 48 | ND | Pass |
| Fludioxonil | 100 | 100 | 48 | ND | Pass |
| Hexythiazox | 100 | 100 | 48 | ND | Pass |
| Imazalil | 100 | 100 | 48 | ND | Pass |
| Imidacloprid | 100 | 400 | 48 | ND | Pass |

| Analyte | Dil. | Action Limit ppb | LOQ ppb | Results ppb | Status |
|---|---|---|---|---|---|
| Kresoxim methyl | 100 | 100 | 48 | ND | Pass |
| Malathion | 100 | 200 | 48 | ND | Pass |
| Metalaxyl | 100 | 100 | 48 | ND | Pass |
| Methiocarb | 100 | 100 | 48 | ND | Pass |
| Methomyl | 100 | 100 | 48 | ND | Pass |
| Mevinphos | 100 | 100 | 48 | ND | Pass |
| Myclobutanil | 100 | 100 | 48 | ND | Pass |
| Naled | 100 | 250 | 48 | ND | Pass |
| Oxamyl | 100 | 500 | 48 | ND | Pass |
| Paclobutrazol | 100 | 100 | 48 | ND | Pass |
| Permethrin | 100 | 100 | 48 | ND | Pass |
| Phosmet | 100 | 100 | 48 | ND | Pass |
| Piperonyl butoxide | 100 | 3000 | 48 | ND | Pass |
| Prallethrin | 100 | 100 | 48 | ND | Pass |
| Propiconazole | 100 | 100 | 48 | ND | Pass |
| Propoxur | 100 | 100 | 48 | ND | Pass |
| Pyrethrins | 100 | 500 | 48 | ND | Pass |
| Pyridaben | 100 | 200 | 48 | ND | Pass |
| Spinetoram J | 100 | 200 | 48 | ND | Pass |
| Spinetoram L | 100 | 200 | 48 | ND | Pass |
| Spinosyn A | 100 | 100 | 48 | ND | Pass |
| Spinosyn D | 100 | 100 | 48 | ND | Pass |
| Spiromesifen | 100 | 100 | 48 | ND | Pass |
| Spirotetramat | 100 | 100 | 48 | ND | Pass |
| Spiroxamine | 100 | 100 | 48 | ND | Pass |
| Tebuconazole | 100 | 100 | 48 | ND | Pass |
| Thiacloprid | 100 | 100 | 48 | ND | Pass |
| Thiamethoxam | 100 | 500 | 48 | ND | Pass |
| Trifloxystrobin | 100 | 100 | 48 | ND | Pass |
| Captan | 1 | 700 | 62 | ND | Pass |
| Chlordane | 1 | 100 | 12 | ND | Pass |
| Methyl parathion | 1 | 100 | 12 | ND | Pass |
| Pentachloronitrobenze | 1 | 150 | 12 | ND | Pass |

## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Mycotoxins

**Pass**

**Date Prepared:** 06/07/2025
**Date Analyzed:** 06/12/2025
**Lab Batch:** B25F022

**Extracted By:** KF
**Analyzed By:** AJ

**Sample Prep:** 1.0459 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 | 100 | 20 | 9.6 | ND | Pass |
| Aflatoxin B2 | 7220-81-7 | 100 | 20 | 9.6 | ND | Pass |
| Aflatoxin G1 | 1165-39-5 | 100 | 20 | 9.6 | ND | Pass |
| Aflatoxin G2 | 7241-98-7 | 100 | 20 | 9.6 | ND | Pass |
| Ochratoxin A | 303-47-9 | 100 | 20 | 9.6 | 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
**Date Analyzed:** 06/16/2025
**Lab Batch:** B25D032

**Digested By:** TJ
**Analyzed By:** JG

**Sample Prep:** 0.99 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 | **300** | 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 | 300 | Pass |
| Total Contaminant Load - Overall Sum | 5,000 | 300 | Pass |

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

## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Microbials

**Pass**

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

**Lab Batch:** B25J006 **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 | ES/EG | 10000 | ND | Plate | N/A | Pass |
| E. Coli | 1 CFU/ 10 g | 10 g / 10 g | EG/ES | 1 | ND | Plate | N/A | Pass |
| Salmonella | 1 CFU/ 10 g | 10 g / 10 g | EG/ES | 1 | ND | Plate | N/A | Pass |
| Listeria | 1 CFU/ 10 g | 10 g / 10 g | EG/ES | 1 | ND | Plate | N/A | Pass |
| Aspergillus Flavus | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| Aspergillus Fumigatus | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| Aspergillus Niger | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| Aspergillus Terreus | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| E. coli specific gene | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| E. coli/shigella spp. | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| Salmonella specific gene | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| Stx1 gene | 1 CFU/ 1 g | 1 g / 1 g | ES/EG | 1 | N/A | N/A | ND | Pass |
| Stx2 gene | 1 CFU/ 1 g | 1 g / 1 g | ES/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.

## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Residual Solvents

**Pass**

**Date Prepared:** 09/24/2025 **Prep ID:** DH **Sample Prep:** 0.1063 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 | 9.4 | 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 | 19 | **40** | Pass |
| Methylene chloride | 75-09-2 | 1 | 125 | 1.9 | ND | Pass |
| **n-Heptane** | 142-82-5 | 1 | 5000 | 1.9 | **2.3** | Pass |
| n-Hexane | 110-54-3 | 1 | 250 | 0.38 | ND | Pass |
| Pentane | 109-66-0 | 1 | 750 | 0.63 | 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 | 4.7 | 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:** 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 $A_w$ | Result $A_w$ | Status |
|---|---|---|---|
| Water Activity | 0.65 | 0.44 | Pass |

## Grape Ape - Indica 7 Gram

**Lab Sample Number:** F505082-01 **- Date reported:** June 20, 2025

## Moisture Content

**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:** OHAUS MB90
**Lab Batch:** B25E014 **Analysis Method:** ACCU LAB SOP11

| Analyte | Action Limit % | Result % | Status |
|---|---|---|---|
| Percent Moisture | 15 | 8.0 | Pass |

## Foreign Materials

**Pass**

**Date Prepared:** 06/11/2025 **Prep ID:** JG **Sample Prep:** 1 g / 1 g
**Date Analyzed:** 06/13/2025 **Analyst ID:** JG **Instrument:** Visual Inspection
**Lab Batch:** B25F053 **Analysis Method:** ACCU LAB SOP04

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

## Cannabinoids (Dry-Weight-Corrected)

**Date Prepared:** 07/27/25 09:03 **Prep ID:** TL **Sample Prep:** 1.0129 g / 10 mL
**Date Analyzed:** 07/27/25 19:49 **Analyst ID:** DH **Instrument:** HPLC-DAD
**Lab Batch:** B25B067 **Prep/Analysis Method:** ACCU LAB SOP15

| Analyte | CAS Number | Dilution | LOQ % | Results % | Results mg/g |
|---|---|---|---|---|---|
| **Cannabichromene (CBC)** | 20675-51-8 | 20 | 0.0870 | **0.284** | **2.84** |
| **Cannabichromenic acid (CBCA)** | 185505-15-1 | 20 | 0.0870 | **0.110** | **1.10** |
| **Cannabidiol (CBD)** | 13956-29-1 | 200 | 0.870 | **10.5** | **105** |
| Cannabidiolic acid (CBDA) | 1244-58-2 | 20 | 0.0870 | ND | ND |
| Cannabidivarin (CBDV) | 24274-48-4 | 20 | 0.0870 | ND | ND |
| Cannabidivarinic acid (CBDVA) | 31932-13-5 | 20 | 0.0870 | ND | ND |
| **Cannabigerol (CBG)** | 25654-31-3 | 20 | 0.0870 | **1.58** | **15.8** |
| **Cannabigerolic acid (CBGA)** | 25555-57-1 | 200 | 0.870 | **7.26** | **72.6** |
| Cannabinol (CBN) | 521-35-7 | 20 | 0.0870 | ND | ND |
| delta-8-Tetrahydrocannabinol (delta-8-THC) | 5957-75-5 | 20 | 0.0870 | ND | ND |
| delta-9-Tetrahydrocannabinol (delta-9-THC) | 1972-08-3 | 20 | 0.0870 | ND | ND |
| **delta-9-Tetrahydrocannabinolic acid (THCA)** | 23978-85-0 | 20 | 0.0870 | **0.284** | **2.84** |
| Tetrahydrocannabivarin (THCV) | 31262-37-0 | 20 | 0.0870 | ND | ND |
| Tetrahydrocannabivarinic acid (THCVA) | 39986-26-0 | 20 | 0.0870 | 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.