



# Certificate of Analysis

**PASSED**



**Batch #:** 0547609  
**Harvest Date:** 12/11/25  
**Production Method:** Other  
**Total Amount:** 1 units  
**Retail Product Size:** 30 ml  
**Retail Serving Size:** 1 ml  
**Density:** 0.96 g/mL  
**Servings:** 1  
**Metric Package #:**  
1A4000B00048829000000749  
**Metric Source Package #:** NA

**Lab ID:** DE51212023-001  
**Ordered:** 12/11/25  
**Sampled Date:** 12/12/25  
**Sample Size:** 5 ml  
**Completed:** 12/14/25

## Rad Extracts

860 Commercial Lane,  
Palmer Lake, CO, 80133, US  
**License # :** 405R-00037

### SAFETY RESULTS

### MISC.



Pesticide

NOT TESTED



Heavy Metals

NOT TESTED



Microbial

NOT TESTED



Mycotoxins

NOT TESTED



Solvents

NOT TESTED



Filtration/Foreign Material

NOT TESTED



Water Activity

NOT TESTED



Moisture Content

NOT TESTED



Terpenes

TESTED



## Cannabinoid

**PASSED**



**Total THC**  
**0.237%**



**Total CBD**  
**5.499%**



**Total Cannabinoids**  
**6.184%**

|           | CBDV   | CBDVA | CBG    | CBD      | CBDA   | THCV  | CBGA  | CBN   | EXO-THC | D9-THC | D8-THC | THCVA | D10-THC | CBC    | THCA  |
|-----------|--------|-------|--------|----------|--------|-------|-------|-------|---------|--------|--------|-------|---------|--------|-------|
| %         | 0.106  | ND    | 0.203  | 5.444    | 0.063  | ND    | ND    | 0.012 | ND      | 0.237  | ND     | ND    | ND      | 0.120  | ND    |
| mg/unit   | 30.470 | ND    | 58.435 | 1567.728 | 18.115 | ND    | ND    | 3.456 | ND      | 68.285 | ND     | ND    | ND      | 34.502 | ND    |
| LOD       | 0.002  | 0.001 | 0.002  | 0.001    | 0.001  | 0.002 | 0.001 | 0.001 | 0.004   | 0.001  | 0.002  | 0.001 | 0.002   | 0.002  | 0.002 |
| LOQ       | 0.005  | 0.003 | 0.006  | 0.004    | 0.004  | 0.006 | 0.005 | 0.005 | 0.012   | 0.003  | 0.008  | 0.004 | 0.006   | 0.008  | 0.006 |
| Qualifier | %      | %     | %      | %        | %      | %     | %     | %     | %       | %      | %      | %     | %       | %      | %     |

Analyzed by:  
3200, 8, 4046

Weight:  
0.6284g

Extraction date:  
12/12/25 15:41:55

Extracted by:  
3200

Analysis Method : SOP.T.40.039.CO

Analytical Batch : DE011678POT

Instrument Used : Shimadzu LC-2030C Bill

Analyzed Date : 12/14/25 14:47:23

Batch Date : 12/12/25 12:22:09

Dilution : 40

Reagent : 120425.R14; 120925.R20; 120925.R19; 121225.R04; 121225.R05; 121125.R08; 121125.R09; 120425.R12; 082925.01

Consumables : 230822-052-1A; 947.100; 24072098; 04303051; 042725CH01; 1009372578; 61572-107C6-107H

Pipette : 5-50mL Dispensette 21L76426; 5-50mL Dispensette\_20L82543; 19L82077\_P100; POT - 10mL Dispensette 25202211

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.



## Terpenes

**TESTED**

### ANALYTES

TOTAL TERPENES

LOD

LOQ

LIMIT

PASS/FAIL

RESULT (%)

(MG/UNIT)

QUALIFIER

0

0

TESTED

0.326

93.917

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**William Stephens**  
Lab Director

*William Stephens*

State License #  
405R-00037 405-00022  
ISO 17025  
Accreditation #  
4331.01

Signature  
12/14/25  
**Laboratory License #:**  
405R-00037



# Certificate of Analysis

**Rad Extracts**

860 Commercial Lane,  
Palmer Lake, CO, 80133, US  
License # : 405R-00037

**Sample: DE51212023-001**

**Batch #:** 0547609  
**Seed to sale:** 1A4000B00048829000000749

**Ordered:** 12/11/25  
**Sampled:** 12/12/25  
**Completed:** 12/14/25

**PASSED**



## Terpenes

**TESTED**

| ANALYTES            | LOD   | LOQ   | LIMIT | PASS/FAIL | RESULT (%) | (MG/UNIT) | QUALIFIER |
|---------------------|-------|-------|-------|-----------|------------|-----------|-----------|
| ALPHA-BISBOLOL      | 0.002 | 0.020 |       | TESTED    | 0.102      | 29.347    |           |
| BETA-CARYOPHYLLENE  | 0.002 | 0.020 |       | TESTED    | 0.081      | 23.357    |           |
| CARYOPHYLLENE OXIDE | 0.002 | 0.020 |       | TESTED    | 0.046      | 13.334    |           |
| ALPHA-HUMULENE      | 0.002 | 0.020 |       | TESTED    | 0.042      | 12.096    |           |
| GUAIOL              | 0.002 | 0.020 |       | TESTED    | 0.032      | 9.331     |           |
| NEROLIDOL           | 0.002 | 0.020 |       | TESTED    | 0.022      | 6.451     |           |
| LINALOOL            | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |
| MENTHOL             | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |
| TERPINOLENE         | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |
| ALPHA-TERPINEOL     | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |
| BETA-MYRCENE        | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |
| GAMMA-TERPINENE     | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |
| P-CYMENE            | 0.002 | 0.020 |       | TESTED    | <0.020     | <0.200    |           |

**Analyzed by:** 3200, 8, 4046      **Weight:** 0.6284g      **Extraction date:** 12/12/25 15:43:09      **Extracted by:** 3200

**Analysis Method :** SOP-067 (R0)  
**Analytical Batch :** DE011658TER  
**Instrument Used :** GC 6890  
**Analyzed Date :** 12/14/25 14:47:26

**Batch Date :** 12/10/25 10:09:03

**Dilution :** 40  
**Reagent :** 120925.R05; 120925.R06; 120425.R12; 082925.01  
**Consumables :** 230822-052-1A; 947.100; 24072098; 04303051; 042725CH01; 1009372578; 61572-107C6-107H  
**Pipette :** 5-50mL Dispensette 21L76426; 5-50mL Dispensette\_20L82543; POT - 10mL Dispensette 25202211

Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.

## COMMENTS

\* Cannabinoid DE51212023-001POT

**1 - Measurement Uncertainty for delta-9 THC (wt%, Infused) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Infused) 95% interval : 0.05**

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Lab Director



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Accreditation #  
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