

## Red Dirt Sungrown

1101 N. Walnut St  
Guthrie, OK 73044  
sales@reddirtsungrown.com  
(405) 243-7327  
Lic. #GAAA-4IRN-M7KD

Sample: 2107PLO1108.4356

Strain: Motorbreath #15  
External Lot ID: ; Batch#: MB#1506252105; Batch Size: g  
Sample Received: 07/09/2021; Report Created: 07/15/2021; Expires: 07/15/2022

Sampling: ; Environment:

## Motorbreath #15

Plant, Flower - Cured, Greenhouse  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Safety

|                        |                    |                          |
|------------------------|--------------------|--------------------------|
| Pass<br>Pesticides     | Pass<br>Microbials | Not Tested<br>Mycotoxins |
| Not Tested<br>Solvents | Pass<br>Metals     | Pass<br>Foreign Matter   |

## Cannabinoids

|           |           |          |                |
|-----------|-----------|----------|----------------|
| 20.09%    | ND        | 12.4%    | 0.49000 aw     |
| Total THC | Total CBD | Moisture | Water Activity |

| Analyte | LOQ  | Mass  | Mass      |
|---------|------|-------|-----------|
|         | %    | %     | PPM       |
| THCa    | 0.02 | 22.40 | 224000.00 |
| Δ9-THC  | 0.02 | 0.45  | 4490.00   |
| Δ8-THC  | 0.02 | 0.16  | 1630.00   |
| THCVa   | 0.00 | ND    | ND        |
| THCV    | 0.02 | ND    | ND        |
| CBDa    | 0.02 | ND    | ND        |
| CBD     | 0.02 | ND    | ND        |
| CBDV    | 0.02 | ND    | ND        |
| CBN     | 0.02 | ND    | ND        |
| CBGa    | 0.02 | 0.82  | 8230.00   |
| CBG     | 0.02 | ND    | ND        |
| CBC     | 0.02 | ND    | ND        |
| Total   |      | 23.84 | 238350.00 |

Total THC = THCa \* 0.877 + Δ9-THC. Total CBD = CBDa \* 0.877 + CBD  
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

## Terpenes

|                |          |        |        |
|----------------|----------|--------|--------|
| Hops           | Cinnamon | Orange | 2.349% |
| Total Terpenes |          |        |        |

| Analyte             | LOQ   | Mass  | Mass     | Analyte        | LOQ   | Mass   | Mass      |
|---------------------|-------|-------|----------|----------------|-------|--------|-----------|
|                     | %     | %     | PPM      |                | %     | %      | PPM       |
| β-Myrcene           | 0.002 | 0.736 | 7360.317 | Guaiol         | 0.002 | 0.010  | 99.008    |
| β-Caryophyllene     | 0.002 | 0.379 | 3788.294 | Cedrol         | 0.002 | 0.009  | 91.071    |
| Limonene            | 0.002 | 0.260 | 2595.833 | α-Bisabolol    | 0.002 | 0.009  | 88.095    |
| α-Cedrene           | 0.002 | 0.185 | 1846.627 | Farnesene      | 0.002 | 0.003  | 30.556    |
| Nerolidol           | 0.002 | 0.171 | 1710.516 | 3-Carene       | 0.002 | <0.002 | <20.000   |
| α-Humulene          | 0.002 | 0.141 | 1405.556 | α-Phellandrene | 0.002 | <0.002 | <20.000   |
| Valencene           | 0.002 | 0.086 | 856.746  | α-Terpinene    | 0.002 | <0.002 | <20.000   |
| Linalool            | 0.002 | 0.064 | 644.246  | Camphor        | 0.002 | <0.002 | <20.000   |
| β-Pinene            | 0.002 | 0.054 | 541.270  | Endo-Fenchyl   | 0.002 | <0.002 | <20.000   |
| α-Terpineol         | 0.002 | 0.052 | 515.873  | Alcohol        | 0.002 | <0.002 | <20.000   |
| Ocimene             | 0.002 | 0.033 | 328.175  | Eucalyptol     | 0.002 | <0.002 | <20.000   |
| α-Pinene            | 0.002 | 0.029 | 293.651  | Fenchone       | 0.002 | <0.002 | <20.000   |
| Geranyl Acetate     | 0.002 | 0.029 | 292.857  | γ-Terpinene    | 0.002 | <0.002 | <20.000   |
| Sabinene Hydrate    | 0.002 | 0.027 | 271.032  | Geraniol       | 0.002 | <0.002 | <20.000   |
| Borneol             | 0.002 | 0.021 | 213.690  | Isoborneol     | 0.002 | <0.002 | <20.000   |
| Camphene            | 0.002 | 0.017 | 166.071  | Menthol        | 0.002 | <0.002 | <20.000   |
| Caryophyllene Oxide | 0.002 | 0.013 | 131.944  | Nerol          | 0.002 | <0.002 | <20.000   |
| Isopulegol          | 0.002 | 0.012 | 118.254  | Pulegol        | 0.002 | <0.002 | <20.000   |
| Terpinolene         | 0.002 | 0.010 | 102.381  | Sabinene       | 0.002 | <0.002 | <20.000   |
|                     |       |       |          | Total          |       | 2.349  | 23492.063 |

Notes:

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### Pesticides

Pass

| Analyte       | LOQ   | Limit | Mass | Status |
|---------------|-------|-------|------|--------|
|               | PPM   | PPM   | PPM  |        |
| Abamectin     | 0.160 | 0.500 | ND   | Pass   |
| Azoxystrobin  | 0.080 | 0.200 | ND   | Pass   |
| Bifenazate    | 0.080 | 0.200 | ND   | Pass   |
| Etoazole      | 0.080 | 0.200 | ND   | Pass   |
| Imazalil      | 0.080 | 0.200 | ND   | Pass   |
| Imidacloprid  | 0.080 | 0.400 | ND   | Pass   |
| Malathion     | 0.080 | 0.200 | ND   | Pass   |
| Myclobutanil  | 0.080 | 0.200 | ND   | Pass   |
| Permethrin    | 0.080 | 0.200 | ND   | Pass   |
| Spinosad      | 0.080 | 0.200 | ND   | Pass   |
| Spiromesifen  | 0.080 | 0.200 | ND   | Pass   |
| Spirotetramat | 0.080 | 0.200 | ND   | Pass   |
| Tebuconazole  | 0.080 | 0.400 | ND   | Pass   |

### Microbials

Pass

| Analyte               | Limit | Mass  | Status |
|-----------------------|-------|-------|--------|
|                       | CFU/g | CFU/g |        |
| Aspergillus flavus    | 1     | ND    | Pass   |
| Aspergillus fumigatus | 1     | ND    | Pass   |
| Aspergillus niger     | 1     | ND    | Pass   |
| Aspergillus terreus   | 1     | ND    | Pass   |
| E. Coli               | 1     | ND    | Pass   |
| Salmonella            | 1     | ND    | Pass   |
| Staphylococcus aureus | 1     | ND    | Pass   |
| Yeast & Mold          | 10000 | ND    | Pass   |

### Residual Solvents

Not Tested

| Analyte | LOQ | Limit | Mass | Status |
|---------|-----|-------|------|--------|
|---------|-----|-------|------|--------|

### Heavy Metals

Pass

| Analyte | LOQ  | Limit  | Mass  | Status |
|---------|------|--------|-------|--------|
|         | PPB  | PPB    | PPB   |        |
| Arsenic | 0.80 | 200.00 | 16.00 | Pass   |
| Cadmium | 0.80 | 200.00 | 82.00 | Pass   |
| Lead    | 0.80 | 500.00 | 34.00 | Pass   |
| Mercury | 0.80 | 100.00 | 6.00  | Pass   |

### Mycotoxins

Not Tested

| Analyte | LOQ | Limit | Mass | Status |
|---------|-----|-------|------|--------|
|---------|-----|-------|------|--------|