

Certificate of Analysis

Red Dirt Sungrown

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

Sample: 2108PLO1452.5940

Strain: Motorbreath #15
External Lot ID: ; Batch#: MB#1506252117; Batch Size: g
Sample Received: 08/25/2021; Report Created: 08/30/2021; Expires: 08/30/2022

Sampling: ; Environment:

Motorbreath #15

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



Safety

Pass Pesticides	Pass Microbials	Not Tested Mycotoxins
Not Tested Solvents	Pass Metals	Pass Foreign Matter

Cannabinoids

19.95%	ND	10.1%	0.45000 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.04	20.64	206380.00
Δ9-THC	0.04	1.85	18530.00
Δ8-THC	0.04	ND	ND
THCVa	0.00	ND	ND
THCV	0.04	ND	ND
CBDa	0.04	ND	ND
CBD	0.04	ND	ND
CBDV	0.04	ND	ND
CBN	0.04	ND	ND
CBGa	0.04	0.53	5250.00
CBG	0.04	ND	ND
CBC	0.04	ND	ND
Total		23.02	230160.00

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

Wood	Clove	Orange	2.901%
Total Terpenes			

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	PPM		%	%	PPM
α-Cedrene	0.002	0.808	8081.890	Farnesene	0.002	0.005	50.000
Sabinene	0.002	0.710	7097.638	3-Carene	0.002	<0.002	<20.000
Limonene	0.002	0.261	2611.417	α-Phellandrene	0.002	<0.002	<20.000
α-Humulene	0.002	0.257	2566.142	α-Terpinene	0.002	<0.002	<20.000
Nerolidol	0.002	0.242	2419.291	β-Caryophyllene	0.002	<0.002	<20.000
Valencene	0.002	0.141	1414.567	β-Myrcene	0.002	<0.002	<20.000
α-Bisabolol	0.002	0.127	1273.622	Camphor	0.002	<0.002	<20.000
α-Terpineol	0.002	0.082	821.654	Caryophyllene	0.002	<0.002	<20.000
Linalool	0.002	0.081	814.567	Oxide	0.002	<0.002	<20.000
β-Pinene	0.002	0.035	351.969	Endo-Fenchyl	0.002	<0.002	<20.000
Sabinene Hydrate	0.002	0.026	256.693	Alcohol			
Terpinolene	0.002	0.023	232.283	Eucalyptol	0.002	<0.002	<20.000
α-Pinene	0.002	0.022	222.047	Fenchone	0.002	<0.002	<20.000
Cedrol	0.002	0.020	202.756	γ-Terpinene	0.002	<0.002	<20.000
Borneol	0.002	0.018	184.646	Geraniol	0.002	<0.002	<20.000
Geranyl Acetate	0.002	0.015	146.850	Guaiol	0.002	<0.002	<20.000
Ocimene	0.002	0.013	134.252	Isoborneol	0.002	<0.002	<20.000
Camphene	0.002	0.007	68.898	Menthol	0.002	<0.002	<20.000
Isopulegol	0.002	0.006	58.268	Nerol	0.002	<0.002	<20.000
				Pulegol	0.002	<0.002	<20.000
				Total		2.90129009	449

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
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Heavy Metals

Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	0.80	200.00	5.00	Pass
Cadmium	0.80	200.00	78.00	Pass
Lead	0.80	500.00	5.00	Pass
Mercury	0.80	100.00	ND	Pass

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
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