

Red Dirt Sungrown

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

Sample: 2108PLO1379.5654

Strain: MAC
External Lot ID: ; Batch#: MAC08042104; Batch Size: g
Sample Received: 08/17/2021; Report Created: 08/20/2021; Expires: 08/20/2022
Sampling: ; Environment:

MAC

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

15.67%	0.05%	11.8%	0.48000 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.04	17.24	172410.00
Δ9-THC	0.04	0.55	5480.00
Δ8-THC	0.04	ND	ND
THCVa	0.00	ND	ND
THCV	0.04	ND	ND
CBDa	0.04	0.06	610.00
CBD	0.04	ND	ND
CBDV	0.04	ND	ND
CBN	0.04	ND	ND
CBGa	0.04	0.77	7680.00
CBG	0.04	ND	ND
CBC	0.04	ND	ND
Total		18.62	186180.00

Terpenes

			2.824%
Turpentine	Cinnamon	Earthy	Total Terpenes

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	PPM		%	%	PPM
Terpinolene	0.0020	0.767	7669.057	Sabinene Hydrate	0.002	0.010	101.887
β-Caryophyllene	0.0020	0.471	4713.962	Eucalyptol	0.002	0.006	63.774
Ocimene	0.0020	0.334	3342.642	Farnesene	0.002	0.006	60.000
α-Cedrene	0.0020	0.215	2148.302	3-Carene	0.002	<0.002	<20.000
β-Myrcene	0.0020	0.165	1652.830	α-Bisabolol	0.002	<0.002	<20.000
α-Humulene	0.0020	0.154	1535.472	Borneol	0.002	<0.002	<20.000
Valencene	0.0020	0.117	1169.811	Camphene	0.002	<0.002	<20.000
Limonene	0.0020	0.109	1085.660	Camphor	0.002	<0.002	<20.000
α-Terpineol	0.0020	0.089	893.208	Caryophyllene	0.002	<0.002	<20.000
Linalool	0.0020	0.089	885.660	Oxide			
β-Pinene	0.0020	0.077	766.415	Cedrol	0.002	<0.002	<20.000
α-Pinene	0.0020	0.061	612.075	Geraniol	0.002	<0.002	<20.000
α-Phellandrene	0.0020	0.040	395.849	Geranyl Acetate	0.002	<0.002	<20.000
α-Terpinene	0.0020	0.033	326.792	Guaiol	0.002	<0.002	<20.000
Nerol	0.0020	0.025	253.208	Isoborneol	0.002	<0.002	<20.000
γ-Terpinene	0.0020	0.018	183.396	Isopulegol	0.002	<0.002	<20.000
Endo-Fenchyl Alcohol	0.0020	0.015	152.453	Menthol	0.002	<0.002	<20.000
Fenchone	0.0020	0.012	119.623	Nerolidol	0.002	<0.002	<20.000
Sabinene	0.0020	0.011	110.189	Pulegol	0.002	<0.002	<20.000
Total				Total		2.824	28242.264

Total THC = THCa * 0.877 + d9-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.

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
Etoxazole	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	1	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	10.00	Pass
Cadmium	0.80	200.00	42.00	Pass
Lead	0.80	500.00	12.00	Pass
Mercury	0.80	100.00	ND	Pass

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
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