

Red Dirt Sungrown

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

Sample: 2108PLO1326.5486

Strain: MAC
External Lot ID; Batch#: MAC05272107; Batch Size: g
Sample Received: 08/11/2021; Report Created: 08/16/2021; Expires: 08/16/2022
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

15.03%	ND	10.8%	0.44000 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.02	13.80	137950.00
Δ9-THC	0.02	2.93	29290.00
Δ8-THC	0.02	ND	ND
THCVa	0.00	ND	ND
THCV	0.02	0.13	1340.00
CBDa	0.02	ND	ND
CBD	0.02	ND	ND
CBDV	0.02	ND	ND
CBN	0.02	ND	ND
CBGa	0.02	0.55	5540.00
CBG	0.02	0.11	1080.00
CBC	0.02	ND	ND
Total		17.52	175200.00

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

			1.008%
Turpentine	Wood	Fresh	Total Terpenes

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	PPM		%	%	PPM
Terpinolene	0.002	0.237	2371.150	Fenchone	0.002	0.010	97.271
α-Cedrene	0.002	0.222	2223.197	Guaiol	0.002	0.008	82.261
Borneol	0.002	0.088	878.168	Farnesene	0.002	0.003	26.901
Valencene	0.002	0.069	690.838	3-Carene	0.002	<0.002	<20.000
Nerolidol	0.002	0.058	581.676	α-Bisabolol	0.002	<0.002	<20.000
Limonene	0.002	0.045	452.047	α-Pinene	0.002	<0.002	<20.000
Sabinene	0.002	0.040	402.144	α-Terpineol	0.002	<0.002	<20.000
β-Myrcene	0.002	0.037	373.879	β-Caryophyllene	0.002	<0.002	<20.000
α-Humulene	0.002	0.036	363.938	β-Pinene	0.002	<0.002	<20.000
Ocimene	0.002	0.024	236.647	Camphene	0.002	<0.002	<20.000
Nerol	0.002	0.020	201.949	Caryophyllene Oxide	0.002	<0.002	<20.000
α-Phellandrene	0.002	0.019	187.329	Cedrol	0.002	<0.002	<20.000
Endo-Fenchyl Alcohol	0.002	0.015	145.419	Eucalyptol	0.002	<0.002	<20.000
α-Terpinene	0.002	0.014	138.596	Geraniol	0.002	<0.002	<20.000
γ-Terpinene	0.002	0.013	134.503	Geranyl Acetate	0.002	<0.002	<20.000
Camphor	0.002	0.013	130.019	Isopulegol	0.002	<0.002	<20.000
Sabinene Hydrate	0.002	0.012	124.561	Menthol	0.002	<0.002	<20.000
Linalool	0.002	0.012	118.908	Pulegol	0.002	<0.002	<20.000
Isoborneol	0.002	0.012	118.324	Total		1.008	10079.727

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	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	ND	Pass
Cadmium	0.80	200.00	ND	Pass
Lead	0.80	500.00	ND	Pass
Mercury	0.80	100.00	ND	Pass

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
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