

Certificate of Analysis

Red Dirt Sungrown

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

Sample: 2105PLO0754.2927

Strain: MAC
External Lot ID: ; Batch#: MAC05052110; Batch Size: g
Sample Received: 05/25/2021; Report Created: 05/25/2021; Expires: 05/25/2022

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

14.77%	ND	12.1%	0.49000 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.02	16.37	163680.00
Δ9-THC	0.02	0.42	4160.00
Δ8-THC	0.02	ND	ND
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	0.58	5830.00
CBG	0.02	ND	ND
CBC	0.02	ND	ND
Total		17.37	173670.00

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

Turpentine	Cinnamon	Earthy	1.286%
Total Terpenes			

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	PPM		%	%	PPM
Terpinolene	0.002	0.383	3830.000	Cedrol	0.002	0.012	120.000
β-Caryophyllene	0.002	0.167	1670.000	Nerolidol	0.002	0.010	100.000
Ocimene	0.002	0.100	1000.000	α-Terpinene	0.002	0.009	90.000
α-Bisabolol	0.002	0.090	900.000	Sabinene Hydrate	0.002	0.005	50.000
β-Myrcene	0.002	0.072	720.000	Eucalyptol	0.002	0.004	40.000
R(+)-Limonene	0.002	0.052	520.000	γ-Terpinene	0.002	0.003	30.000
Valencene	0.002	0.048	480.000	Borneol	0.002	<0.002	<20.000
β-Pinene	0.002	0.043	430.000	Camphene	0.002	<0.002	<20.000
α-Terpineol	0.002	0.040	400.000	Camphor	0.002	<0.002	<20.000
Linalool	0.002	0.039	390.000	Endo-Fenchyl	0.002	<0.002	<20.000
α-Humulene	0.002	0.036	360.000	Alcohol			
Hexahydro Thymol	0.002	0.032	320.000	Farnesene	0.002	<0.002	<20.000
α-Cedrene	0.002	0.030	300.000	Geraniol	0.002	<0.002	<20.000
α-Pinene	0.002	0.027	270.000	Geranyl Acetate	0.002	<0.002	<20.000
α-Phellandrene	0.002	0.020	200.000	Guaiol	0.002	<0.002	<20.000
Caryophyllene Oxide	0.002	0.018	180.000	Isoborneol	0.002	<0.002	<20.000
3-Carene	0.002	0.017	170.000	Isopulegol	0.002	<0.002	<20.000
Nerol	0.002	0.015	150.000	Pulegol	0.002	<0.002	<20.000
Fenchone	0.002	0.014	140.000	Sabinene	0.002	<0.002	<20.000
				Total		1.286	12860.000

Notes:

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Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Abamectin	0.500	0.500	ND	Pass
Azoxystrobin	0.200	0.200	ND	Pass
Bifenazate	0.200	0.200	ND	Pass
Etoazole	0.200	0.200	ND	Pass
Imazalil	0.200	0.200	ND	Pass
Imidacloprid	0.400	0.400	ND	Pass
Malathion	0.200	0.200	ND	Pass
Myclobutanil	0.200	0.200	ND	Pass
Permethrin	0.200	0.200	ND	Pass
Spinosad	0.200	0.200	ND	Pass
Spiromesifen	0.200	0.200	ND	Pass
Spirotetramat	0.200	0.200	ND	Pass
Tebuconazole	0.400	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	17.00	Pass
Cadmium	0.80	200.00	31.00	Pass
Lead	0.80	500.00	23.00	Pass
Mercury	0.80	100.00	1.00	Pass

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
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