

Red Dirt Sungrown

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

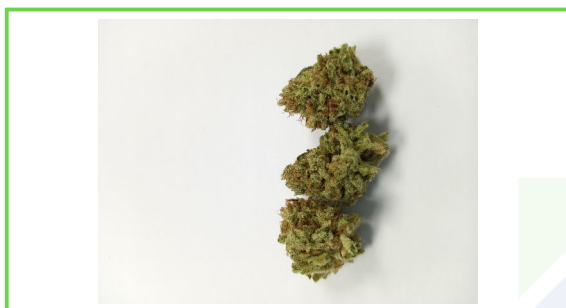
Sample: 2105PLO0754.2926

Strain: MAC
External Lot ID: ; Batch#: MAC05052109; 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

15.38%	0.07%	11.6%	0.49000 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.02	17.04	170420.00
Δ9-THC	0.02	0.43	4310.00
Δ8-THC	0.02	ND	ND
THCVa	0.00	ND	ND
THCV	0.02	ND	ND
CBDa	0.02	0.08	760.00
CBD	0.02	ND	ND
CBDV	0.02	ND	ND
CBN	0.02	ND	ND
CBGa	0.02	0.92	9170.00
CBG	0.02	ND	ND
CBC	0.02	ND	ND
Total		18.47	184660.00

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

			1.491%
Turpentine	Cinnamon	Earthy	Total Terpenes

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	PPM		%	%	PPM
Terpinolene	0.002	0.386	3860.000	Caryophyllene	0.002	0.015	150.000
β-Caryophyllene	0.002	0.186	1860.000	Oxide	0.002	0.013	130.000
Ocimene	0.002	0.106	1060.000	Fenchone	0.002	0.011	110.000
α-Bisabolol	0.002	0.095	950.000	Nerolidol	0.002	0.008	80.000
β-Myrcene	0.002	0.078	780.000	α-Terpinene	0.002	0.005	50.000
Cedrol	0.002	0.077	770.000	Sabinene Hydrate	0.002	0.004	40.000
Geranyl Acetate	0.002	0.058	580.000	Eucalyptol	0.002	0.003	30.000
R(+)-Limonene	0.002	0.058	580.000	γ-Terpinene	0.002	<0.002	<20.000
Valencene	0.002	0.058	580.000	Borneol	0.002	<0.002	<20.000
β-Pinene	0.002	0.048	480.000	Camphene	0.002	<0.002	<20.000
α-Humulene	0.002	0.041	410.000	Camphor	0.002	<0.002	<20.000
α-Terpineol	0.002	0.040	400.000	Endo-Fenchyl	0.002	<0.002	<20.000
Linalool	0.002	0.040	400.000	Alcohol	0.002	<0.002	<20.000
Hexahydro Thymol	0.002	0.036	360.000	Farnesene	0.002	<0.002	<20.000
α-Cedrene	0.002	0.032	320.000	Geraniol	0.002	<0.002	<20.000
α-Pinene	0.002	0.032	320.000	Guaiol	0.002	<0.002	<20.000
α-Phellandrene	0.002	0.021	210.000	Isoborneol	0.002	<0.002	<20.000
Nerol	0.002	0.021	210.000	Isopulegol	0.002	<0.002	<20.000
3-Carene	0.002	0.019	190.000	Pulegol	0.002	<0.002	<20.000
				Sabinene	0.002	<0.002	<20.000
				Total		1.49114910.000	

Notes:

Certificate of Analysis

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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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