Certificate of Analysis

Red Dirt Sungrown

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

Sample: 2106PLO0864.3350

Strain: MAC
External Lot ID: ; Batch#: MAC05272102; Batch Size: g
Sample Received: 06/08/2021; Report Created: 06/14/2021; Expires: 06/14/2022

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

18.64%	ND	10.9%	0.51000 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.02	20.39	203850.00
Δ9-THC	0.02	0.76	7580.00
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	0.61	6090.00
CBG	0.02	ND	ND
CBC	0.02	ND	ND
Total		**21.75**	**217520.00**

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.

Terpenes

Turpentine	Cinnamon	Earthy	1.969%
			Total Terpenes

Analyte	LOQ	Mass	Mass
	%	%	PPM
Terpinolene	0.002	0.496	4960.000
β-Caryophyllene	0.002	0.257	2570.000
Ocimene	0.002	0.202	2020.000
α-Bisabolol	0.002	0.139	1390.000
β-Myrcene	0.002	0.121	1210.000
R(+)-Limonene	0.002	0.089	890.000
α-Cedrene	0.002	0.083	830.000
α-Humulene	0.002	0.083	830.000
Valencene	0.002	0.067	670.000
Linalool	0.002	0.065	650.000
β-Pinene	0.002	0.062	620.000
α-Pinene	0.002	0.042	420.000
Nerolidol	0.002	0.041	410.000
α-Terpineol	0.002	0.036	360.000
α-Phellandrene	0.002	0.030	300.000
Caryophyllene Oxide	0.002	0.025	250.000
Hexahydro Thymol	0.002	0.025	250.000
α-Terpinene	0.002	0.016	160.000
Nerol	0.002	0.015	150.000

Analyte	LOQ	Mass	Mass
	%	%	PPM
3-Carene	0.002	0.014	140.000
γ-Terpinene	0.002	0.014	140.000
Fenchone	0.002	0.011	110.000
Cedrol	0.002	0.010	100.000
Endo-Fenchyl Alcohol	0.002	0.009	90.000
Sabinene Hydrate	0.002	0.006	60.000
Eucalyptol	0.002	0.005	50.000
Farnesene	0.002	0.003	30.000
Sabinene	0.002	0.003	30.000
Borneol	0.002	<0.002	<20.000
Camphene	0.002	<0.002	<20.000
Camphor	0.002	<0.002	<20.000
Geraniol	0.002	<0.002	<20.000
Geranyl Acetate	0.002	<0.002	<20.000
Guaiol	0.002	<0.002	<20.000
Isoborneol	0.002	<0.002	<20.000
Isopulegol	0.002	<0.002	<20.000
Pulegol	0.002	<0.002	<20.000
Total		**1.969**	**19690.000**

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
Etoxazole	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

Heavy Metals — Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	0.80	200.00	14.00	Pass
Cadmium	0.80	200.00	30.00	Pass
Lead	0.80	500.00	29.00	Pass
Mercury	0.80	100.00	1.00	Pass

Mycotoxins — Not Tested

Analyte	LOQ	Limit	Mass	Status