

Certificate of Analysis

Red Dirt Sungrown

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

Sample: 2111PLO2072.8466

Strain: Peyote Critical
External Lot ID: ; Batch#: PC10192109; Batch Size: g
Sample Received: 11/05/2021; Report Created: 11/10/2021; Expires: 11/10/2022

Sampling: ; Environment:

Peyote Critical

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

25.26%	ND	9.7%	0.41100 aw
Total THC	Total CBD	Moisture	Water Activity

Analyte	LOQ	Mass	Mass
	%	%	PPM
THCa	0.04	26.71	267060.00
Δ9-THC	0.04	1.84	18350.00
Δ8-THC	0.04	ND	ND
THCVa	0.00	ND	ND
THCV	0.04	ND	ND
CBDa	0.04	ND	ND
CBD	0.04	ND	ND
CBDV	0.04	ND	ND
CBN	0.04	ND	ND
CBGa	0.04	0.47	4720.00
CBG	0.04	ND	ND
CBC	0.04	ND	ND
Total		29.01	290130.00

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

Hops	Cinnamon	Chamomile	2.462%
Total Hops	Total Cinnamon	Total Chamomile	Total Terpenes

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	PPM		%	%	PPM
β-Myrcene	0.002	0.886	8855.794	Camphene	0.002	0.005	50.357
β-Caryophyllene	0.002	0.675	6748.968	3-Carene	0.002	<0.002	<20.000
α-Bisabolol	0.002	0.188	1881.548	α-Phellandrene	0.002	<0.002	<20.000
Limonene	0.002	0.158	1580.556	α-Terpinene	0.002	<0.002	<20.000
Nerolidol	0.002	0.135	1345.992	Borneol	0.002	<0.002	<20.000
Valencene	0.002	0.084	841.468	Camphor	0.002	<0.002	<20.000
α-Terpineol	0.002	0.079	793.770	Endo-Fenchyl	0.002	<0.002	<20.000
β-Pinene	0.002	0.046	457.381	Alcohol	0.002	<0.002	<20.000
Cedrol	0.002	0.042	416.627	Eucalyptol	0.002	<0.002	<20.000
Linalool	0.002	0.038	378.730	Farnesene	0.002	<0.002	<20.000
α-Humulene	0.002	0.026	255.913	Fenchone	0.002	<0.002	<20.000
α-Pinene	0.002	0.018	184.246	γ-Terpinene	0.002	<0.002	<20.000
Caryophyllene Oxide	0.002	0.018	177.857	Geraniol	0.002	<0.002	<20.000
Sabinene Hydrate	0.002	0.016	162.857	Isoborneol	0.002	<0.002	<20.000
Ocimene	0.002	0.014	138.175	Isopulegol	0.002	<0.002	<20.000
α-Cedrene	0.002	0.012	117.579	Menthol	0.002	<0.002	<20.000
Geranyl Acetate	0.002	0.010	104.127	Nerol	0.002	<0.002	<20.000
Terpinolene	0.002	0.007	73.651	Pulegol	0.002	<0.002	<20.000
Guaiol	0.002	0.005	53.175	Sabinene	0.002	<0.002	<20.000
				Total			2.46224618.770

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
Etoazole	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	7.00	Pass
Cadmium	0.80	200.00	43.00	Pass
Lead	0.80	500.00	5.00	Pass
Mercury	0.80	100.00	ND	Pass

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
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