

Colonial Roots LLC

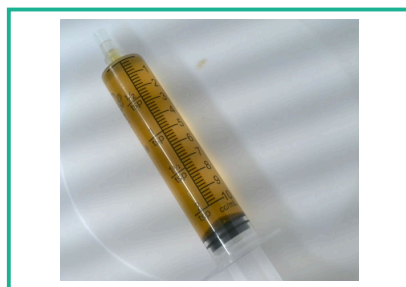
160 Fellers Cove
Mosheim, TN 37818
colonialrootshemp@gmail.com
(941) 209-8051

Sample: 2001HAL0021.0038

Strain: N/A
Batch#: ; Batch Size: g
Sample Received: 01/15/2020; Report Created: 01/24/2020

Hyder - Distillate

Concentrates & Extracts, Distillate



3.45%

Total THC

59.19%

Total CBD

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.05	<LOQ	<LOQ
Δ9-THC	0.05	3.45	34.5
Δ8-THC	0.05	0.26	2.6
THCV	0.05	3.54	35.4
CBDa	0.05	0.21	2.1
CBD	0.05	59.01	590.1
CBDVa	0.05	ND	ND
CBDV	0.05	0.92	9.2
CBNa	0.05	1.98	19.8
CBN	0.05	0.25	2.5
CBGa	0.05	ND	ND
CBG	0.05	1.62	16.2
CBC	0.05	0.20	2.0
CBL	0.05	0.14	1.4
Total		71.59	715.9

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = Sum of all quantifiable cannabinoids; 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.
THC Method Uncertainty (+/-) 0.0275%.

Harvest Analytical Lab
10521 Research Drive, Suite 104
Knoxville, TN
(865) 392-6502
www.harvestal.com

Mike Goodrich
V.P. of Analytical Services

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Terpenes

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	mg/g		%	%	mg/g
3-Carene	0.00	ND	ND	Farnesene	0.00	ND	ND
α-Bisabolol	0.00	ND	ND	Fenchone	0.00	ND	ND
α-Cedrene	0.00	ND	ND	γ-Terpinene	0.00	ND	ND
α-Humulene	0.00	ND	ND	Geraniol	0.00	ND	ND
α-Phellandrene	0.00	ND	ND	Geranyl Acetate	0.00	ND	ND
α-Pinene	0.00	ND	ND	Guaiol	0.00	ND	ND
α-Terpinene	0.00	ND	ND	Isoborneol	0.00	ND	ND
α-Terpineol	0.00	ND	ND	Isopulegol	0.00	ND	ND
β-Caryophyllene	0.00	ND	ND	Limonene	0.00	ND	ND
β-Myrcene	0.00	ND	ND	Linalool	0.00	ND	ND
β-Pinene	0.00	ND	ND	Menthol	0.00	ND	ND
Borneol	0.00	ND	ND	Nerol	0.00	ND	ND
Camphene	0.00	ND	ND	Ocimene	0.00	ND	ND
Camphor	0.00	ND	ND	Pulegone	0.00	ND	ND
Caryophyllene Oxide	0.00	ND	ND	Sabinene	0.00	ND	ND
Cedrol	0.00	ND	ND	Sabinene Hydrate	0.00	ND	ND
cis-Nerolidol	0.00	ND	ND	Terpinolene	0.00	ND	ND
Endo-Fenchyl Alcohol	0.00	ND	ND	trans-Nerolidol	0.00	ND	ND
Eucalyptol	0.00	ND	ND	Valencene	0.00	ND	ND

Primary Aromas

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Hyder - Distillate

Concentrates & Extracts, Distillate



Microbials

Pass

Analyte	Limit	Results	Status
Aerobic Bacteria	CFU/g 100000	CFU/g ND	Pass
Coliforms	1000	ND	Pass
E. Coli	0.1	Not Detected	Pass
Yeast & Mold	10000	ND	Pass

TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory

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Hyder - Distillate

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Mycotoxins

Complete

Analyte	LOQ	Units	Status
B1	1.00	PPM	Tested
B2	1.00	PPM	Tested
G1	1.00	PPM	Tested
G2	1.00	PPM	Tested
Ochratoxin A	1.00	PPM	Tested
Total Aflatoxins	1.00	PPM	Tested

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Hyder - Distillate

Concentrates & Extracts, Distillate



Pesticides

Complete

Analyte	LOQ	Mass	Status	Analyte	LOQ	Mass	Status
	PPM	PPM			PPM	PPM	
Abamectin	1.00	ND	Tested	Hexythiazox	1.00	ND	Tested
Acephate	1.00	ND	Tested	Imazalil	1.00	ND	Tested
Acequinocyl	1.00	ND	Tested	Imidacloprid	1.00	ND	Tested
Acetamiprid	1.00	ND	Tested	Kresoxim Methyl	1.00	ND	Tested
Aldicarb	1.00	ND	Tested	Malathion	1.00	ND	Tested
Azoxystrobin	1.00	ND	Tested	Metalaxyl	1.00	ND	Tested
Bifenazate	1.00	ND	Tested	Methiocarb	1.00	ND	Tested
Bifenthrin	1.00	ND	Tested	Methomyl	1.00	ND	Tested
Boscalid	1.00	ND	Tested	Methyl Parathion	1.00	ND	Tested
Captan	1.00	ND	Tested	Mevinphos	1.00	ND	Tested
Carbaryl	1.00	ND	Tested	MGK-264	1.00	ND	Tested
Carbofuran	1.00	ND	Tested	Myclobutanil	1.00	ND	Tested
Chlorantraniliprole	1.00	ND	Tested	Naled	1.00	ND	Tested
Chlordane	1.00	ND	Tested	Oxamyl	1.00	ND	Tested
Chlorfenapyr	1.00	ND	Tested	Paclobotrazol	1.00	ND	Tested
Chlorpyrifos	1.00	ND	Tested	Pentachloronitrobenzene	1.00	ND	Tested
Clofentezine	1.00	ND	Tested	Permethrins	1.00	ND	Tested
Coumaphos	1.00	ND	Tested	Phosmet	1.00	ND	Tested
Cyfluthrin	1.00	ND	Tested	Piperonyl Butoxide	1.00	ND	Tested
Cypermethrin	1.00	ND	Tested	Prallethrin	1.00	ND	Tested
Daminozide	1.00	ND	Tested	Propiconazole	1.00	ND	Tested
Diazinon	1.00	ND	Tested	Propoxur	1.00	ND	Tested
Dichlorvos	1.00	ND	Tested	Pyrethrins	1.00	ND	Tested
Dimethoate	1.00	ND	Tested	Pyridaben	1.00	ND	Tested
Dimethomorph	1.00	ND	Tested	Spinetoram	1.00	ND	Tested
Ethoprophos	1.00	ND	Tested	Spinosad	1.00	ND	Tested
Etofenprox	1.00	ND	Tested	Spiromesifen	1.00	ND	Tested
Etoxazole	1.00	ND	Tested	Spirotetramat	1.00	ND	Tested
Fenhexamid	1.00	ND	Tested	Spiroxamine	1.00	ND	Tested
Fenoxycarb	1.00	ND	Tested	Tebuconazole	1.00	ND	Tested
Fenpyroximate	1.00	ND	Tested	Thiacloprid	1.00	ND	Tested
Fipronil	1.00	ND	Tested	Thiamethoxam	1.00	ND	Tested
Flonicamid	1.00	ND	Tested	Trifloxystrobin	1.00	ND	Tested
Fludioxonil	1.00	ND	Tested				

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Concentrates & Extracts, Distillate



Residual Solvents

Complete

Analyte	LOQ	Mass	Status	Analyte	LOQ	Mass	Status
	PPM	PPM			PPM	PPM	
1,1-Dichloro-Ethane	1.00	ND	Tested	Ethyl-Ether	1.00	ND	Tested
1,2-Dichloro-Ethane	1.00	ND	Tested	Ethylene Oxide	1.00	ND	Tested
Acetone	1.00	ND	Tested	Heptane	1.00	ND	Tested
Acetonitrile	1.00	ND	Tested	Methanol	1.00	ND	Tested
Benzene	1.00	ND	Tested	n-Hexane	1.00	ND	Tested
Butane	1.00	ND	Tested	Pentane	1.00	ND	Tested
Chloroform	1.00	ND	Tested	Propane	1.00	ND	Tested
Dichloromethane	1.00	ND	Tested	Toluene	1.00	ND	Tested
Ethanol	1.00	194.51	Tested	Trichloroethene	1.00	ND	Tested
Ethyl-Acetate	1.00	ND	Tested	Xylenes	1.00	ND	Tested

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Hyder - Distillate

Concentrates & Extracts, Distillate



Heavy Metals

Complete

Analyte	LOQ	Mass	Status
Arsenic	0.00	ND	Tested
Cadmium	0.00	ND	Tested
Lead	0.00	ND	Tested
Mercury	0.00	ND	Tested

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