



Hemp Analysis

ARA Logistics, Corp

Rovira Office Park
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LPPIC #2019-10-0005

Sample: 1910NL0851.3005

Strain: CBD Isolate
Batch#: SCBD-0001; Batch Size: 9603 packages
Sample Received: 10/09/2019; Report Created: 11/15/2019;
TMN: 2019-LAB-C0003 BS: 30 mL/pkg Raw Batch#: CBD Isolate

Tintura Sublingual 300 mg CBD

Ingestible, Tincture



ND	10.84 mg/mL
Total THC	Total CBD
ND	ND
Total CBG	CBN
ND	
Δ8-THC	

Cannabinoids	1 Unit = .922g		Pass
	LOD	Mass	
Analyte	PPM	mg/mL	mg/g
THCa	1.00	ND	ND
Δ9-THC	1.00	ND	ND
Δ8-THC	1.00	ND	ND
CBD	1.00	10.84	11.75
CBDa	1.00	ND	ND
CBC	1.00	0.14	0.15
CBG	1.00	ND	ND
CBN	1.00	ND	ND
THCV	1.00	ND	ND
CBGa	1.00	ND	ND
CBDV	1.00	0.02	0.02
Total		10.99	11.92

Total THC = THCa*0.877 + Δ9-THC | Total CBD = CBDa*0.877 + CBD | Total CBG = CBGa*0.878 + CBG | LOQ = Limit of Quantitation; ND = Not Detected. *Totals use decarboxilation conversion.

Analysis Performed by: LSR

Terpenes	Total Terpenes: 0.552%		
	LOD	Mass	Mass
Analyte	PPM	%	mg/g
δ-Limonene	0.500	0.521	5.21
β-Myrcene	0.500	0.014	0.14
α-Pinene	0.500	0.004	0.04
Eucalyptol	0.500	0.004	0.04
Caryophyllene Oxide	0.500	0.002	0.02
Linalool	0.500	0.002	0.02
trans-Nerolidol	0.500	0.002	0.02
Geraniol	0.500	0.001	0.01
cis-Nerolidol	0.500	0.001	0.01
α-Terpinene	0.500	0.001	0.01
δ-3-Carene	0.500	0.000	0.00
γ-Terpinene	0.500	0.000	0.00
β-Caryophyllene	0.500	0.000	0.00
Terpinolene	0.500	ND	ND
α-Humulene	0.500	ND	ND
β-Ocimene	0.500	ND	ND
Camphene	0.500	ND	ND
Ocimene	0.500	ND	ND
(-) β-Pinene	0.500	ND	ND
(-) α-Bisabolol	0.500	ND	ND
(-) Isopulegol	0.500	ND	ND

LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected. Analysis Performed by: RBF

Microbials

Analyte	Limit	Units	Pass
	CFU/g	CFU/g	
STEC	0	<1	Pass
Salmonella	0	<1	Pass
Yeast & Mold	10000	<100	Pass

CFU/g = Colony Forming Unit/gram; Y&M LOD = 100 CFU/g; LOQ = 1,000 CFU/g; BAM Plate Count Methods. Analysis Performed by: JMG - Mycotoxins LOD: Aflatoxins = 2 ppb, Ochratoxin = 3 ppb

Heavy Metals

Analyte	LOD	Limit	Mass	Pass
	PPM	PPM	PPM	
Arsenic	0.0010	1.5000	ND	Pass
Cadmium	0.0010	0.5000	ND	Pass
Lead	0.0010	0.5000	ND	Pass
Mercury	0.0010	3.0000	ND	Pass

Analysis Performed by: RBF

Residual Solvents

Analyte	LOD	Limit	Mass	Not Tested

Not Tested	Pass	Pass	Not Tested
Pesticides	Foreign Matter	Mycotoxins	Moisture
			Not Tested
			Water Activity

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