



Hemp Analysis

ARA Logistics, Corp

Rovira Office Park
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LPPIC #2019-10-0005**Sample: 1910NL0851.3004**Strain: CBD Isolate
Batch#: SCBD-0002; Batch Size: 6828 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 600 mg CBD

Ingestible, Tincture



ND	20.88 mg/mL
Total THC	Total CBD
ND	ND
Total CBG	CBN
ND	
Δ8-THC	

Analyte	1 Unit = , 0.921g		Pass
	LOD	Mass	
THCa	PPM	mg/mL	mg/g
Δ9-THC	1.00	ND	ND
Δ8-THC	1.00	ND	ND
CBD	1.00	20.88	22.68
CBDa	1.00	ND	ND
CBC	1.00	0.13	0.14
CBG	1.00	ND	ND
CBN	1.00	ND	ND
THCV	1.00	ND	ND
CBGa	1.00	ND	ND
CBDV	1.00	0.04	0.04
Total		21.05	22.86

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

Analyte	Total Terpenes: 0.673%		
	LOD	Mass	Mass
δ-Limonene	PPM	%	mg/g
β-Myrcene	0.500	0.620	6.20
trans-Nerolidol	0.500	0.016	0.16
Caryophyllene Oxide	0.500	0.009	0.09
α-Pinene	0.500	0.008	0.08
cis-Nerolidol	0.500	0.005	0.05
Eucalyptol	0.500	0.004	0.04
Linalool	0.500	0.004	0.04
β-Caryophyllene	0.500	0.002	0.02
(-)-α-Bisabolol	0.500	0.001	0.01
(-)-Isopulegol	0.500	0.001	0.01
Geraniol	0.500	0.001	0.01
α-Terpinene	0.500	0.001	0.01
δ-3-Carene	0.500	0.001	0.01
α-Humulene	0.500	0.000	0.00
γ-Terpinene	0.500	0.000	0.00
Terpinolene	0.500	0.000	0.00
β-Ocimene	0.500	0.000	0.00
Camphene	0.500	ND	ND
Ocimene	0.500	ND	ND
(-)-β-Pinene	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
			NT
			Not Tested
			NT
			Water Activity

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