



# CERTIFICATE OF ANALYSIS



Customer: Black Tie CBD

Collection Date: 06/03/2019	Initial Weight: 19933.00/mg
Order Date: 06/03/2019	Specimen Weight: 98.90/mg
Report Date: 06/06/2019	Specimen Type: Extract
Order #701090	Description:
Batch # NEB63 55A	

Potency				(HPLC)				
Analyte	mg/g	%	Analyte	mg/g	%	Analyte	mg/g	%
CBC	5.0060	0.5006	CBCA	0	ND	CBD	581.2000	58.1200
CBD-A	0	ND	CBDV	4.8950	0.4895	CBDVA	0	ND
CBG	0.8236	0.0824	CBCA	0	ND	CB1	0.6461	0.0646
CBN	0.3310	0.0331	CBNA	0	ND	Delta-8-THC	0	ND
Delta-9-THC	2.7440	0.2744	THCA-A	0	ND	THCV	0.6324	0.0632
THCVA	0	ND	Total CBD	581.2000	58.1200	Total THC	2.7440	0.2744

Pesticides						(LCMS/MS)					
Analyte	ppm	Analyte	ppm	Analyte	ppm	Analyte	ppm	Analyte	ppm	Analyte	ppm
Abamectin	ND	Acephate	ND	Acequinocyl	ND	Acequinocyl	ND	Acequinocyl	ND	Acequinocyl	ND
Acetamiprid	ND	Aldicarb	ND	Azoxystrobin	ND	Azoxystrobin	ND	Azoxystrobin	ND	Azoxystrobin	ND
Bifenazate	ND	Bifenthrin	ND	Boscalid	ND	Boscalid	ND	Boscalid	ND	Boscalid	ND
Carbaryl	ND	Carbofuran	ND	Chlorantraniliprole	ND	Chlorantraniliprole	ND	Chlorantraniliprole	ND	Chlorantraniliprole	ND
Chlorpyrifos	ND	Ciflutrin	ND	Cypermethrin	ND	Cypermethrin	ND	Cypermethrin	ND	Cypermethrin	ND
Daminozide	ND	Diazinon	ND	Dichlorvos	ND	Dichlorvos	ND	Dichlorvos	ND	Dichlorvos	ND
Dimethoate	ND	Ethionphos	ND	Etofenprox	ND	Etofenprox	ND	Etofenprox	ND	Etofenprox	ND
Etoxaquinone	ND	Fenoxycarb	ND	Fipronil	ND	Fipronil	ND	Fipronil	ND	Fipronil	ND
Flonicamid	ND	Fidioxonil	ND	Hexythiazox	ND	Hexythiazox	ND	Hexythiazox	ND	Hexythiazox	ND
Imazalil	ND	Imidacloprid	ND	Kresoxim Methyl	ND	Kresoxim Methyl	ND	Kresoxim Methyl	ND	Kresoxim Methyl	ND
Malathion A	ND	Metazoxyl	ND	Methiocarb	ND	Methiocarb	ND	Methiocarb	ND	Methiocarb	ND
Methomyl	ND	MK-264	ND	Myclobutanil	ND	Myclobutanil	ND	Myclobutanil	ND	Myclobutanil	ND
Naled	ND	Oxamyl	ND	Paclobutrazol	ND	Paclobutrazol	ND	Paclobutrazol	ND	Paclobutrazol	ND
Parathion-methyl	ND	Permethrin	ND	Phosmet	ND	Phosmet	ND	Phosmet	ND	Phosmet	ND
Piperonylbutoxide	ND	Prallethrin	ND	Propiconazole	ND	Propiconazole	ND	Propiconazole	ND	Propiconazole	ND
Preproxiur	ND	Pyrethrin	ND	Pyridaben	ND	Pyridaben	ND	Pyridaben	ND	Pyridaben	ND
Sonnesyn A	ND	Spiriosyn D	ND	Spiromesifen	ND	Spiromesifen	ND	Spiromesifen	ND	Spiromesifen	ND
Sprotramat	ND	Spiroxamine	ND	Tebuconazole	ND	Tebuconazole	ND	Tebuconazole	ND	Tebuconazole	ND
Thiacloprid	ND	Thiamethoxam	ND	Trifloxystrobin	ND	Trifloxystrobin	ND	Trifloxystrobin	ND	Trifloxystrobin	ND

  
 Thomas Farrell, MD  
 Lab Director

\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC. T-Caryophyllene = Trans-Caryophyllene. ND = Not Detected, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (cfu) = Colony Forming Unit, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram.  
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**ACS LABORATORY**

CERTIFIED  
CANNABIS & CBD  
TESTED SAFE  
acs@acslab.com

Collection Date: 06/03/2019  
Order Date: 06/03/2019  
Report Date: 06/06/2019  
Order #701090  
Batch # NEB63 55A

Initial Weight: 19933.00/mg  
Specimen Weight: 98.90/mg  
Specimen Type: Extract  
Description:

**Heavy Metals (ICP-MS)**

Analyte	ppb	Analyte	ppb	Analyte	ppb
Arsenic (As)	ND	Cadmium (Cd)	ND	Lead (Pb)	ND
Mercury (Hg)	ND				

**Mycotoxins (LCMS/MS)**

Analyte	(µg/Kg)	Analyte	(µg/Kg)	Analyte	(µg/Kg)
Aflatoxin B1	ND	Aflatoxin B2	ND	Aflatoxin G1	ND
Aflatoxin G2	ND	Ochratoxin A	ND		

**Terpenes (GC/GCMS)**

Analyte	mg/g	%	Analyte	mg/g	%	Analyte	mg/g	%
3-Carene	0	ND	Alpha-Bisabolol	0.1800	0.0180	Alpha-Pinene	0.1000	0.0100
Alpha-Terpinene	0	ND	Alpha-Terpineol	0.1100	0.0110	Aromadendrene	0	ND
Beta-Myrcene	0.5300	0.0530	Beta-Pinene	0	ND	Camphene	0	ND
Fenchol	0.1600	0.0160	Gamma-Terpinene	0	ND	Gamma-Terpineol	0	ND
Geraniol	0.1200	0.0120	Guaiol	0.0900	0.0090	Humulene	0.1000	0.0100
Isocouadiol	0	ND	Linalool	0.1600	0.0160	Nerolidol-1	0.0300	0.0030
Nerolidol-2	0	ND	Ocimene-1	0	ND	Ocimene-2	0	ND
P-Cymene	0	ND	R-Limonene	0.1900	0.0190	Terpinolene	0	ND
Trans-Caryophyllene	0.2900	0.0290						



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Lab Director

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Specimen Type: Extract  
Description:

## Microbiology (qPCR)

(qPCR)

Analyte	Passed	Analyte	Passed	Analyte	Passed
Total Aerobic Count Total Yeast/Mold	Passed Passed	Total Coliform	Passed	Total Enterobacteriaceae	Passed

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