



CERTIFICATE OF ANALYSIS



Customer: Bluebird Botanicals

Collection Date: 10/16/2019
Order Date: 10/16/2019
Report Date: 10/23/2019
Order #707659
Batch # 0456 CLX

Initial Weight: 35205.00/mg
Specimen Weight: 1563.20/mg
Specimen Type: Extract
Extracted From: Hemp
Description:

Pesticides

(LCMS/MS)

Analyte	ppb	Analyte	ppb	Analyte	ppb
Abamectin	<50	Acephate	<50	Acequinocyl	<50
Acetamiprid	<50	Aldicarb	<50	Azoxystrobin	<50
Bifenazate	<50	Bifenthrin	<50	Boscalid	<50
Carbaryl	<50	Carbofuran	<50	Chlorantraniliprole	<50
Chlorpyrifos	<50	Clofentezine	<50	Cypermethrin	<50
Daminozide	<50	Diazinon	<50	Dichlorvos	<50
Dimethoate	<50	Ethoprophos	<50	Etofenprox	<50
Etoxazole	<50	Fenoxycarb	<50	Fipronil	<50
Flonicamid	<50	Fludioxonil	<50	Hexythiazox	<50
Imazalil	<50	Imidacloprid	<50	Kresoxim Methyl	<50
Malathion A	<50	Metalaxyl	<50	Methiocarb	<50
Methomyl	<50	MGK-264	<50	Myclobutanil	<50
Naled	<50	Oxamyl	<50	Paclbutrazol	<50
Parathion-methyl	<50	Permethrin	<50	Phosmet	<50
Piperonylbutoxide	<50	Prallethrin	<50	Propiconazole	<50
Propoxur	<50	Pyrethrins	<50	Pyridaben	<50
Spinosyn A	<50	Spinosyn D	<50	Spiromesifen	<50
Spirotetramat	<50	Spiroxamine	<50	Tebuconazole	<50
Thiacloprid	<50	Thiamethoxam	<50	Trifloxystrobin	<50

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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721 Cortaro Drive
Sun City Center, FL - 33573

P: +1 (866) 762-8379
F: +1 (813) 634-4538

E: info@acslabcannabis.com
<http://www.acslabcannabis.com>

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Microbiology - Plating Method

(Petrifilm)

Analyte	cfu/g	Analyte	cfu/g	Analyte	cfu/g
Aerobic Bacteria	<100	E. Coli / Coliform	<100	Yeast/Mold	<100

Heavy Metals

(ICP-MS)

Analyte	ppb	Analyte	ppb	Analyte	ppb
Arsenic (As)	<10	Cadmium (Cd)	<10	Lead (Pb)	<10
Mercury (Hg)	<10				

Mycotoxins

(LCMS/MS)

Analyte	(µg/Kg)	Analyte	(µg/Kg)	Analyte	(µg/Kg)
Aflatoxin B1	<5	Aflatoxin B2	<5	Aflatoxin G1	<5
Aflatoxin G2	<5	Aflatoxin Total	<5	Ochratoxin A	<5

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