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POPULAR CREEK FARMS  
166 S NC 9 HWY  
LUMBUS, NC 28722

# Certificate of Analysis



Order #: POP200811-040014

Order Date: 2020-08-11

Collection Date: 2020-08-14

Report Date: 2020-08-25

Batch #: 002

I&I

Sample #: AAAL281

Specimen Type: CBD/HEMP Flower & Plants (Inhalation - Heated)

Extracted From: Hemp

Description: Cherry Blossom



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### Terpenes - FL (Tested)

(GC/GCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
(+)-Cedrol		<LOQ	0.02	(R)-(+)-Limonene	2.030	0.203	0.02	3-Carene		<LOQ	0.02
Alpha-Bisabolol	1.480	0.148	0.02	alpha-Cedrene		<LOQ	0.02	alpha-Humulene		<LOQ	0.02
alpha-Phellandrene		<LOQ	0.02	Alpha-Pinene		<LOQ	0.02	Alpha-Terpinene		<LOQ	0.02
Borneol		<LOQ	0.04	Beta-Myrcene	12.290	1.229	0.02	Beta-Pinene		<LOQ	0.02
Caryophyllene oxide		<LOQ	0.02	Camphene		<LOQ	0.02	Camphors		<LOQ	0.04
Fenchyl Alcohol		<LOQ	0.02	cis-Nerolidol		<LOQ	0.02	Eucalyptol		<LOQ	0.02
Guaiol	1.220	0.122	0.02	Farnesene		<LOQ	0.02	Fenchone		<LOQ	0.02
Isopulegol		<LOQ	0.02	Gamma-Terpinene		<LOQ	0.02	Geraniol		<LOQ	0.02
Ocimene		<LOQ	0.014	Hexahydrothymol		<LOQ	0.02	Geranyl acetate		<LOQ	0.02
Sabinene Hydrate		<LOQ	0.02	Linalool		<LOQ	0.02	Isoborneol		<LOQ	0.02
trans-beta-Ocimene		<LOQ	0.006	Linalool		<LOQ	0.02	Nerol		<LOQ	0.02
				Pulegone		<LOQ	0.02	Sabinene		<LOQ	0.02
				Terpineol		<LOQ	0.02	Terpinolene		<LOQ	0.02
				Trans-Caryophyllene	2.140	0.214	0.02	trans-Nerolidol		<LOQ	0.02
								Valencene		<LOQ	0.02

(mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

### Heavy Metals (Passed)

(ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	Cadm9							

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### Pesticides FL V4 (Inhalable) (Passed)

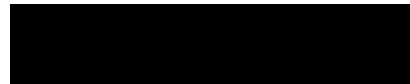
(LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	100	<LOQ	28.23	Acephate	100	<LOQ	30	Acequinocyl	100	<LOQ	48
Acetamiprid	100	<LOQ	30	Aldicarb	100	<LOQ	30	Azoxystrobin	100	<LOQ	10
Bifenazate	100	<LOQ	30	Bifenthrin	100	<LOQ	30	Boscalid	100	<LOQ	10
Captan	700	<LOQ	30	Carbaryl	500	<LOQ	10	Carbofuran	100	<LOQ	10
Chlorantraniliprole	1000	<LOQ	10	Chlordane	100	<LOQ	10	Chlorfenapyr	100	<LOQ	30
Chloromequat Chloride	1000	<LOQ	10	Chlorpyrifos	100	<LOQ	30	Clofentezine	200	<LOQ	30
Cypermethrin	500	<LOQ	30	Coumaphos	100	<LOQ	48	Cyfluthrin	500	<LOQ	30
Dichlorvos	100	<LOQ	30	Daminozide	100	<LOQ	30	Diazinon	100	<LOQ	30
Ethoprophos	100	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	200	<LOQ	48
Fenhexamid	100	<LOQ	10	Etofenprox	100	<LOQ	30	Etoazole	100	<LOQ	30
Fipronil	100	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fenpyroximate	100	<LOQ	30
Hexythiazox	100	<LOQ	30	Flonicamid	100	<LOQ	30	Fludioxonil	100	<LOQ	48
Kresoxim Methyl	100	<LOQ	30	Imazalil	100	<LOQ	30	Imidacloprid	400	<LOQ	30
Methiocarb	100	<LOQ	30	Malathion	100	<LOQ	30	Metalaxyl	100	<LOQ	10
Mevinphos	100	<LOQ	10	Methomyl	100	<LOQ	30	methyl-Parathion	100	<LOQ	10
Oxamyl	500	<LOQ	30	Myclobutanil	100	<LOQ	30	Naled	250	<LOQ	30
Permethrin	100	<LOQ	30	Paclobutrazol	100	<LOQ	30	Pentachloronitrobenzene	150	<LOQ	10
Prallethrin	100	<LOQ	30	Phosmet	100	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Pyrethrins	500	<LOQ	30	Propiconazole	100	<LOQ	30	Propoxur	100	<LOQ	30
Spinosad	100	<LOQ	30	Pyridaben	200	<LOQ	30	Spinetoram	200	<LOQ	10
Spiroxamine	100	<LOQ	30	Spiromesifen	100	<LOQ	30	Spirotetramat	100	<LOQ	30
Thiamethoxam	500	<LOQ	30	Tebuconazole	100	<LOQ	30	Thiacloprid	100	<LOQ	30
				Trifloxystrobin	100	<LOQ	30				

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation



Xueli Gao  
 Ph.D., DABT      Lab Toxicologist



Aixia Sun  
 D.H.Sc., M.Sc., B.Sc., MT (AAB)      Principal Scientist

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## Moisture (Tested)

(Moisture  
Meter)

Analyte	Result (%)
Moisture	13.760

(%) = Percent

## Listeria Monocytogenes (Passed)

(qPCR)

Analyte	Result
Listeria Monocytogenes	Absence in 1g

## Pathogenic SAE (qPCR) (Passed)

(qPCR)

Analyte	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	Absence in 1g

(cfu/g) = Colony Forming Unit per Gram

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 Lab Toxicologist

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### Pathogenic SE (qPCR) (Passed)

(qPCR)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
E.Coli	Absence	Salmonella	Absence

(cfu/g) = Colony Forming Unit per Gram

Xueli Gao      Lab Toxicologist  
Ph.D., DABT

Aixia Sun      Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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