



# Certificate of Analysis

Powered by Confident Cannabis  
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## Optimara Agriculture

1501 Lischey Ave  
Nashville, TN 37207  
sadie@optimara.com

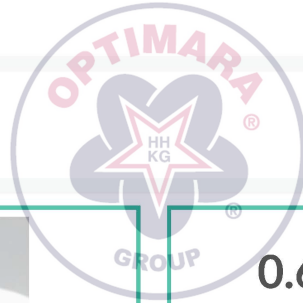
Sample: 2011NBL3574.8065

Strain: Composite

Sample Received: 11/05/2020; Report Created: 11/12/2020; Expires: 11/12/2021

## Composite

Plant, Flower - Cured



**0.690%**

Total THC

**ND**

Δ9 THC

**22.912%**

Total Cannabinoids

**18.534%**

Total CBD

## Cannabinoids

Complete

(Method of Analysis: HPLC, CON-P-3000.05)

Analyst: Natalie Siracusa; Date Tested: 11/05/2020

Analyte	LOQ	Mass	Mass
	%	%	mg/g
Δ9-THC	0.101	ND	ND
THCa	0.101	<b>0.787</b>	<b>7.87</b>
THCV	0.101	ND	ND
Δ8-THC	0.101	ND	ND
CBD	0.101	<b>0.613</b>	<b>6.13</b>
CBDa	0.101	<b>20.434</b>	<b>204.34</b>
CBDV	0.101	ND	ND
CBG	0.101	ND	ND
CBGa	0.101	<b>0.411</b>	<b>4.11</b>
CBN	0.101	ND	ND
CBC	0.101	ND	ND
CBCa	0.101	<b>0.666</b>	<b>6.66</b>
CBNa	0.101	ND	ND
<b>Total</b>		<b>22.912</b>	<b>229.12</b>

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Enterobacteriaceae assay includes Bile-Tolerant Gram Negative members of the Enterobacteriaceae family and Pseudomonas spp. / E.coli assay includes Shigatoxigenic Escherichia coli spp. (STEC) only



New Bloom Labs  
6121 Heritage Park Dr.  
Chattanooga, TN  
(844) 837-8223  
DEA#: RN-0563975

Natalie Siracusa  
Lab Director

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Plant, Flower - Cured  
Harvest Process Lot:



## Heavy Metals

(Method of Analysis: GC-ICP)



Analyte	Mass	LOQ
	PPM	PPM
Arsenic	0.3513	0.0990
Cadmium	<0.0990	0.0990
Chromium	0.1399	0.0990
Lead	<0.0990	0.0990
Mercury	<0.0990	0.0990
Selenium	<0.0990	0.0990

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Plant, Flower - Cured  
Harvest Process Lot:



## Pesticides

(Method of Analysis: LC/MS/MS)  
Analyst: Natalie Siracusa; Date Tested: 11/05/2020

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.25	0.50	<0.25	Pass	Imazalil	0.10	0.20	<0.10	Pass
Acephate	0.20	0.40	<0.20	Pass	Imidacloprid	0.20	0.40	<0.20	Pass
Acequinocyl	1.00	2.00	<1.00	Pass	Kresoxim Methyl	0.20	0.40	<0.20	Pass
Acetamiprid	0.10	0.20	<0.10	Pass	Malathion	0.10	0.20	<0.10	Pass
Aldicarb	0.20	0.40	<0.20	Pass	Metaxyl	0.10	0.20	<0.10	Pass
Azoxystrobin	0.10	0.20	<0.10	Pass	Methiocarb	0.10	0.20	<0.10	Pass
Bifenazate	0.10	0.20	<0.10	Pass	Methomyl	0.20	0.40	<0.20	Pass
Bifenthrin	0.10	0.20	<0.10	Pass	Methyl Parathion	0.10	0.20	<0.10	Pass
Boscalid	0.20	0.40	<0.20	Pass	MGK-264	0.10	0.20	<0.10	Pass
Carbaryl	0.10	0.20	<0.10	Pass	Myclobutanil	0.10	0.20	<0.10	Pass
Carbofuran	0.10	0.20	<0.10	Pass	Naled	0.25	0.50	<0.25	Pass
Chlorantraniliprole	0.10	0.20	<0.10	Pass	Oxamyl	0.50	1.00	<0.50	Pass
Chlorfenapyr	0.50	1.00	<0.50	Pass	Paclobutrazol	0.20	0.40	<0.20	Pass
Chlorpyrifos	0.10	0.20	<0.10	Pass	Permethrin	0.10	0.20	<0.10	Pass
Clofentezine	0.10	0.20	<0.10	Pass	Phosmet	0.10	0.20	<0.10	Pass
Cyfluthrin	0.50	1.00	<0.50	Pass	Piperonyl Butoxide	1.00	2.00	<1.00	Pass
Cypermethrin	0.50	1.00	<0.50	Pass	Prallethrin	0.10	0.20	<0.10	Pass
Daminozide	0.50	1.00	<0.50	Pass	Propiconazole	0.20	0.40	<0.20	Pass
Diazinon	0.10	0.20	<0.10	Pass	Propoxur	0.10	0.20	<0.10	Pass
Dichlorvos	0.05	0.10	<0.05	Pass	Pyrethrins	0.50	1.00	<0.50	Pass
Dimethoate	0.10	0.20	<0.10	Pass	Pyridaben	0.10	0.20	<0.10	Pass
Ethoprophos	0.10	0.20	<0.10	Pass	Spinosyn A	0.10	0.20	<0.10	Pass
Etofenprox	0.20	0.40	<0.20	Pass	Spinosyn D	0.10	0.20	<0.10	Pass
Etoxazole	0.10	0.20	<0.10	Pass	Spiromesifen	0.10	0.20	<0.10	Pass
Fenoxycarb	0.10	0.20	<0.10	Pass	Spirotetramat	0.10	0.20	<0.10	Pass
Fenpyroximate	0.20	0.40	<0.20	Pass	Spiroxamine	0.20	0.40	<0.20	Pass
Fipronil	0.20	0.40	<0.20	Pass	Tebuconazole	0.20	0.40	<0.20	Pass
Fonicamid	0.50	1.00	<0.50	Pass	Thiacloprid	0.10	0.20	<0.10	Pass
Fludioxonil	0.20	0.40	<0.20	Pass	Thiamethoxam	0.10	0.20	<0.10	Pass
Hexythiazox	0.50	1.00	<0.50	Pass	Trifloxystrobin	0.10	0.20	<0.10	Pass

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Harvest Process Lot:



## Microbials

(Method of Analysis: qPCR and Culture)  
Analyst: Robyn Bills; Date Tested: 11/05/2020



Analyte	LOQ	Units	Status
Yeast & Mold	10000.000	CFU/g	Tested
Aerobic Bacteria	100000.000	CFU/g	Tested
Coliforms	1000.000	CFU/g	Tested
Enterobacteriaceae	1000.000	CFU/g	Tested
Aspergillus		Not Detected	Tested
E. Coli		Not Detected	Tested
Salmonella		Not Detected	Tested

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## Composite

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Harvest Process Lot:



## Mycotoxins

(Testing Method: LC/MS/MS)  
Analyst: Natalie Siracusa; Date Tested: 11/05/2020

Pass



Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
B1	10.00	20.00	<10.00	Pass
B2	10.00	20.00	<10.00	Pass
G1	10.00	20.00	<10.00	Pass
G2	10.00	20.00	<10.00	Pass
Ochratoxin A	10.00	20.00	<10.00	Pass

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