



**Genesis Testing Labs**  
1620 South Main St, Unit A  
Grove, OK 74344  
(918)791-3460  
OMMA # LAAA-EKZ6-UNEB

# Certificate of Analysis

**Client Name** Natural Connection LLC  
**Address** 47654 S. 712 Rd.  
Colcord, OK 74338  
**Sample ID** SA-011421-5139  
**Strain** Member  
**License Number** GAAA-N19S-AXC0  
**Phone** 479-957-5056  
**Sample Type** Flower  
**Sample Batch #**

Summary of Results			
Potency Profile		Terpene Profile	
Cannabinoid	Result mg/g	Terpene	Result %
CBDV	-	Camphene	0.2284
CBDA	2.79155	Myrcene	-
CBN	-	$\beta$ -pinene	-
CBD	3.43445	3-Carene	-
CBGA	6.34443	Delta-limonene	0.704148
CBG	9.6097	Cymene	-
THCV	3.50213	$\beta$ -Ocimene	-
$\Delta$ 9-THC	26.7763	Eucalyptol	0.246108
$\Delta$ 8-THC	-	$\gamma$ -Terpinene	-
THCA	349.604	$\alpha$ -Terpinene	-
CBC	-	Terpinolene	0.196593
Total THC %	33.3379%	Linalool	0.205842
Total THC mg/g	333.379	Isopulegol	-
		Geraniol	-
		$\beta$ -Caryophyllene	2.03653
		Humulene	0.977325
		Nerolidol	0.207985
		Guaiol	0.143356
		Caryophyllene oxide	0.166816
		$\alpha$ -Bisabolol	-
		Total Terpene %	5.11311
Microbiological Profile			
All Results	Pass		
Mycotoxin Screening			
All Results	NT		
Residual Solvents			
All Results	NT		
Heavy Metals Screening			
All Results	Pass		
Pesticide Screening			
All Results	Pass		
Water Activity			
All Results	Pass		



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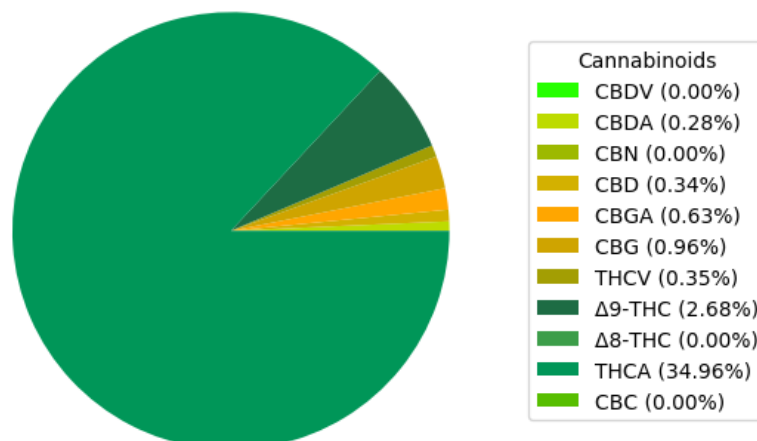
<b>Client Name</b>	Natural Connection LLC	<b>License Number</b>	GAAA-N19S-AXC0
<b>Address</b>	47654 S. 712 Rd. Colcord, OK 74338	<b>Phone</b>	479-957-5056
<b>Sample ID</b>	SA-011421-5139	<b>Sample Type</b>	Flower
<b>Strain</b>	Member	<b>Sample Batch #</b>	

### Potency

<b>Date Analyzed:</b>	<b>Date Completed:</b> 01/21/2021	<b>Batch #:</b> BA-011921-787
<b>Instrument:</b> Agilent 1100 HPLC	<b>Method:</b> Internal Method 1	<b>Lab Tech:</b> Audrey Krabacher

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	-	1.000
CBDA	0.2792	2.7915	-	1.000
CBN	ND	ND	-	1.000
CBD	0.3434	3.4345	-	1.000
CBGA	0.6344	6.3444	-	1.000
CBG	0.9610	9.6097	-	1.000
THCV	0.3502	3.5021	-	1.000
$\Delta$ 9-THC	2.6776	26.7763	-	1.000
$\Delta$ 8-THC	ND	ND	-	1.000
THCA	34.9604	349.604	-	1.000
CBC	ND	ND	-	0.885
<b>% Moisture</b>	12.2			
<b>Total Cannabinoids</b>	40.2063	402.063		
<b>Total CBD</b>	0.5883	5.8826		
<b>Total THC</b>	33.3379	333.379		

Cannabinoid Distribution (%)





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**Sample Type** Flower

**Sample Batch #**

## Terpenoid

**Date Analyzed:**

**Instrument:** Terpenes by Direct Injection

**Date Completed:** 01/21/2021

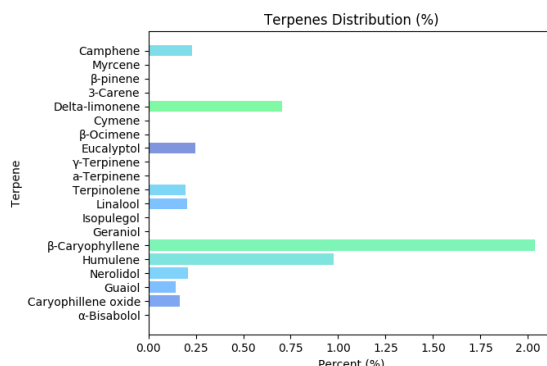
**Method:** Internal Method 1

**Batch #:** BA-011921-785

**Lab Tech:** John Boyle

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	2.284	0.2284	-	0.000004600
Myrcene	ND	ND	-	0.000004600
β-pinene	ND	ND	-	0.000004600
3-Carene	ND	ND	-	0.000004600
Delta-limonene	7.0415	0.7041	-	0.000004600
Cymene	ND	ND	-	0.000004600
β-Ocimene	ND	ND	-	0.000004600
Eucalyptol	2.4611	0.2461	-	0.000004600
γ-Terpinene	ND	ND	-	0.000004600
α-Terpinene	ND	ND	-	0.000004600
Terpinolene	1.9659	0.1966	-	0.000004600
Linalool	2.0584	0.2058	-	0.000004600
Isopulegol	ND	ND	-	0.000004600
Geraniol	ND	ND	-	0.000004600
β-Caryophyllene	20.3653	2.0365	-	0.000004600
Humulene	9.7733	0.9773	-	0.000004600
Nerolidol	2.0798	0.2080	-	0.000004600
Guaiol	1.4336	0.1434	-	0.000004600
Caryophyllene oxide	1.6682	0.1668	-	0.000004600
α-Bisabolol	ND	ND	-	0.000004600

**Total Terpenes (%):** 51.1311 5.1131





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### Foreign Materials

**PASS**

**Date Analyzed:**  
**Instrument:** Microscope  
**Date Completed:** 01/21/2021  
**Method:** Internal Method 1  
**Lab Tech:** Ethanie Gillum

Analyte	Result (%)	Threshold (%)	Pass/Fail
Sand, Soils, Cinders, and Dirt	ND	25	Pass
Imbedded Foreign Material	ND	25	Pass
Insect Fragment	ND	1	Pass
Hair	ND	1	Pass
Mammalian Excreta	ND	1	Pass

### Heavy Metals

**PASS**

**Date Analyzed:**  
**Instrument:** HPLC-ICP/MS QQQ (Agilent 1260 and 7900)  
**Date Completed:** 01/21/2021  
**Method:** Internal Method 1  
**Lab Tech:** John Boyle

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Threshold (ppm)	Pass/Fail
Cadmium	ND	0.50	-	0.4	Pass
Lead	ND	0.50	-	1.0	Pass
Arsenic	ND	0.50	-	0.4	Pass
Mercury	ND	0.50	-	0.2	Pass

### Microbial Analysis

**PASS**

**Date Analyzed:**  
**Instrument:** Binder Incubator and Hardy Wizard Reader  
**Date Completed:** 01/21/2021  
**Method:** Hardy Compact Dry  
**Lab Tech:** Ethanie Gillum

Bacteria/Fungus	Result (CFU/g)	LOD (CFU/g)	LOQ (CFU/g)	Threshold (CFU/g)	Pass/Fail
Escherichia Coli (E. Coli)	ND	1.00	1.00	1	Pass
Yeast/Mold	500	5000.00	1.00	10,000	Pass
Salmonella spp	ND	1.00	1.00	1	Pass



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### Pesticide Profile

**PASS**

**Date Analyzed:**

**Instrument:** Agilent LC/MS QQQ

**Date Completed:** 01/21/2021

**Method:** Internal Method 1

**Lab Tech:** John Boyle

Pesticide	Result (ppm)	LOQ (ppm)	Threshold (ppm)	Pass/Fail
Abamectin	ND	0.1	0.5	Pass
Azoxystrobin	ND	0.1	0.2	Pass
Bifenazate	ND	0.1	0.2	Pass
Etoxazole	ND	0.1	0.2	Pass
Imazalil	ND	0.1	0.2	Pass
Imidacloprid	ND	0.1	0.4	Pass
Malathion	ND	0.1	0.2	Pass
Myclobutanil	ND	0.1	0.2	Pass
Permethrin	ND	0.1	0.2	Pass
Spinosad	ND	0.1	0.2	Pass
Spiromesifen	ND	0.1	0.2	Pass
Spirotetramat	ND	0.1	0.2	Pass
Tebuconazole	ND	0.1	0.4	Pass

### Water Activity

**PASS**

**Date Analyzed:**

**Instrument:** Meter TDL Water Activity

**Date Completed:** 01/29/2021

**Method:** Meter Method 001

**Lab Tech:** Audrey Krabacher

Analyte	Finding	Limit	Status
Water Activity	0.380	0.65	Tested

### Water Activity

**PASS**

**Date Analyzed:**

**Instrument:** Meter TDL Water Activity

**Date Completed:**

**Method:** Meter Method 001

**Lab Tech:** Audrey Krabacher

Analyte	Finding	Limit	Status
Water Activity	0.429	0.65	Tested



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**Sample Batch #**

*Anthony Brixey*

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*James Rhudy*

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**Reviewed By:** Anthony Brixey  
01/30/2021

**Approved By:** James Rhudy  
01/30/2021