



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-011421-5138
Strain Purple Dream
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	0.22715
CBDA	-		Myrcene	1.03098
CBN	-		β-pinene	0.470106
CBD	4.64009		3-Carene	-
CBGA	3.11598		Delta-limonene	0.543941
CBG	-		Cymene	-
THCV	3.47725		β-Ocimene	-
Δ9-THC	20.5079		Eucalyptol	0.243407
Δ8-THC	-		γ-Terpinene	0.202538
THCA	279.467		α-Terpinene	-
CBC	-		Terpinolene	0.195652
Total THC %	26.56%		Linalool	0.259665
Total THC mg/g	265.6		Isopulegol	0.276486
			Geraniol	-
		β-Caryophyllene	0.740722	
		Humulene	0.452155	
		Nerolidol	0.376739	
		Guaiol	0.141687	
		Caryophyllene oxide	0.146767	
		α-Bisabolol	0.162911	
		Total Terpene %	5.47091	
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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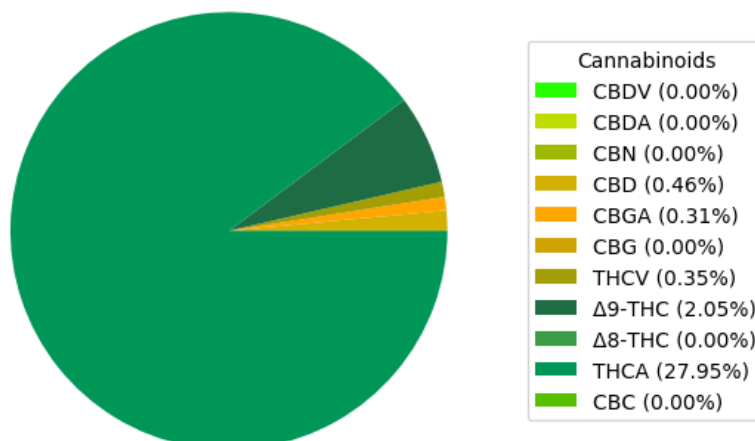
Client Name	Natural Connection LLC	License Number	GAAA-N19S-AXC0
Address	47654 S. 712 Rd. Colcord, OK 74338	Phone	479-957-5056
Sample ID	SA-011421-5138	Sample Type	Flower
Strain	Purple Dream	Sample Batch #	

Potency

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

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	-	1.000
CBDA	ND	ND	-	1.000
CBN	ND	ND	-	1.000
CBD	0.4640	4.6401	-	1.000
CBGA	0.3116	3.1160	-	1.000
CBG	ND	ND	-	1.000
THCV	0.3477	3.4773	-	1.000
Δ9-THC	2.0508	20.5079	-	1.000
Δ8-THC	ND	ND	-	1.000
THCA	27.9467	279.467	-	1.000
CBC	ND	ND	-	0.885
% Moisture	11.9			
Total Cannabinoids	31.1208	311.208		
Total CBD	0.4640	4.6401		
Total THC	26.56	265.6		

Cannabinoid Distribution (%)





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License Number GAAA-N19S-AXC0

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Sample Type Flower

Sample Batch #

Terpenoid

Date Analyzed:

Instrument: Terpenes by Direct Injection

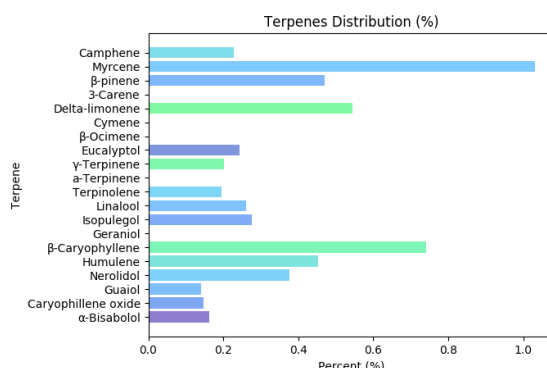
Date Completed: 01/21/2021

Method: Internal Method 1

Batch #: BA-011921-785

Lab Tech: John Boyle

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	2.2715	0.2271	-	0.000004600
Myrcene	10.3098	1.0310	-	0.000004600
β-pinene	4.7011	0.4701	-	0.000004600
3-Carene	ND	ND	-	0.000004600
Delta-limonene	5.4394	0.5439	-	0.000004600
Cymene	ND	ND	-	0.000004600
β-Ocimene	ND	ND	-	0.000004600
Eucalyptol	2.4341	0.2434	-	0.000004600
γ-Terpinene	2.0254	0.2025	-	0.000004600
α-Terpinene	ND	ND	-	0.000004600
Terpinolene	1.9565	0.1957	-	0.000004600
Linalool	2.5966	0.2597	-	0.000004600
Isopulegol	2.7649	0.2765	-	0.000004600
Geraniol	ND	ND	-	0.000004600
β-Caryophyllene	7.4072	0.7407	-	0.000004600
Humulene	4.5216	0.4522	-	0.000004600
Nerolidol	3.7674	0.3767	-	0.000004600
Guaiol	1.4169	0.1417	-	0.000004600
Caryophyllene oxide	1.4677	0.1468	-	0.000004600
α-Bisabolol	1.6291	0.1629	-	0.000004600
Total Terpenes (%)	54.7091	5.4709		





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Foreign Materials

PASS

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

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

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

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	3100	5000.00	1.00	10,000	Pass
Salmonella spp	ND	1.00	1.00	1	Pass



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Sample Type Flower

Sample Batch #

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	0.480	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	0.458	0.65	Tested



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Anthony Brixey

Reviewed By: Anthony Brixey
01/30/2021

James Rhudy

Approved By: James Rhudy
01/30/2021