



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

# Certificate of Analysis

<b>Client Name</b>	Minerva Canna OK	<b>License Number</b>	GAAA-E12Q-ARKB
<b>Address</b>	39026 S. Hwy. 82 Vinita, OK 74301	<b>Phone</b>	918-630-4422
<b>Sample ID</b>	SA-113020-4162	<b>Sample Type</b>	Flower
<b>Strain</b>	Dark Age	<b>Sample Batch #</b>	

## Summary of Results

Potency Profile	
Cannabinoid	Result mg/g
CBDV	-
CBDA	1.60641
CBN	-
CBD	1.25982
CBGA	15.3379
CBG	3.39436
THCV	8.19158
Δ9-THC	78.9616
Δ8-THC	-
THCA	191.234
CBC	-
<b>Total THC %</b>	24.6674%
<b>Total THC mg/g</b>	246.674

Terpene Profile	
Terpene	Result %
Camphene	0.145237
Myrcene	0.227098
β-pinene	0.178795
3-Carene	0.15624
Delta-limonene	0.174284
Cymene	-
β-Ocimene	0.23733
Eucalyptol	0.133684
γ-Terpinene	0.162841
α-Terpinene	0.15789
Terpinolene	0.404683
Linalool	0.149968
Isopulegol	0.146447
Geraniol	-
β-Caryophyllene	0.245032
Humulene	0.163281
Nerolidol	0.142706
Guaiol	-
Caryophyllene oxide	0.135004
α-Bisabolol	0.113549
<b>Total Terpene %</b>	3.07407

Microbiological Profile	
<b>All Results</b>	<b>Pass</b>

Mycotoxin Screening	
<b>All Results</b>	<b>NT</b>

Residual Solvents	
<b>All Results</b>	<b>NT</b>

Heavy Metals Screening	
<b>All Results</b>	<b>Pass</b>

Pesticide Screening	
<b>All Results</b>	<b>Pass</b>

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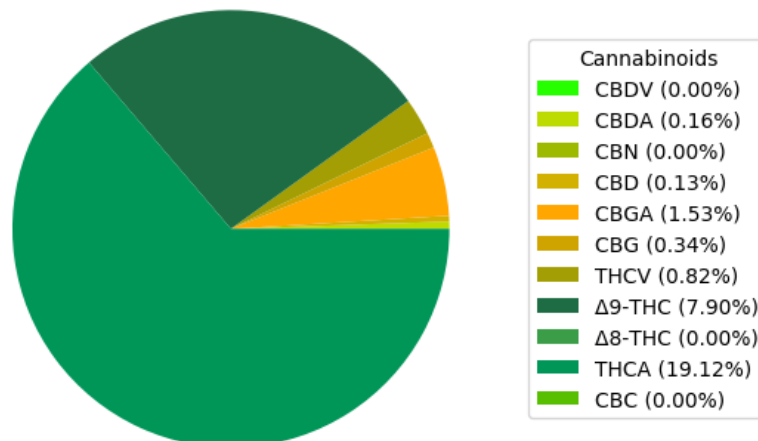
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<b>Strain</b>	Dark Age	<b>Sample Batch #</b>	

## Potency

<b>Date Analyzed:</b>	<b>Date Completed:</b>	<b>Batch #:</b> BA-120720-655
<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	0.1606	1.6064	-	1.000
CBN	ND	ND	-	1.000
CBD	0.1260	1.2598	-	1.000
CBGA	1.5338	15.3379	-	1.000
CBG	0.3394	3.3944	-	1.000
THCV	0.8192	8.1916	-	1.000
Δ9-THC	7.8962	78.9616	-	1.000
Δ8-THC	ND	ND	-	1.000
THCA	19.1234	191.234	-	1.000
CBC	ND	ND	-	0.885
<b>% Moisture</b>	9.71			
<b>Total Cannabinoids</b>	29.9986	299.986		
<b>Total CBD</b>	0.2669	2.6686		
<b>Total THC</b>	24.6674	246.674		

Cannabinoid Distribution (%)



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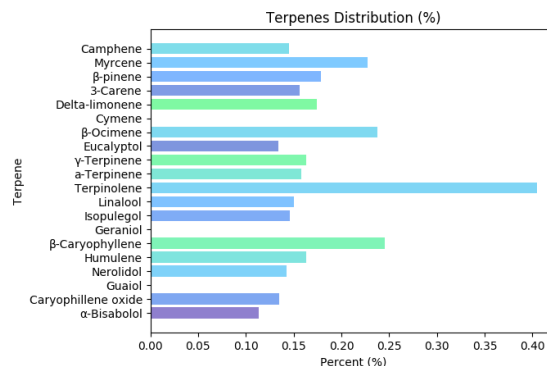
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## Terpenoid

<b>Date Analyzed:</b>	<b>Date Completed:</b>	<b>Batch #:</b> BA-120320-625
<b>Instrument:</b> Terpenes by Direct Injection	<b>Method:</b> Internal Method 1	<b>Lab Tech:</b> John Boyle

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	1.4524	0.1452	-	0.000004600
Myrcene	2.2710	0.2271	-	0.000004600
β-pinene	1.7879	0.1788	-	0.000004600
3-Carene	1.5624	0.1562	-	0.000004600
Delta-limonene	1.7428	0.1743	-	0.000004600
Cymene	ND	ND	-	0.000004600
β-Ocimene	2.3733	0.2373	-	0.000004600
Eucalyptol	1.3368	0.1337	-	0.000004600
γ-Terpinene	1.6284	0.1628	-	0.000004600
α-Terpinene	1.5789	0.1579	-	0.000004600
Terpinolene	4.0468	0.4047	-	0.000004600
Linalool	1.4997	0.1500	-	0.000004600
Isopulegol	1.4645	0.1464	-	0.000004600
Geraniol	ND	ND	-	0.000004600
β-Caryophyllene	2.4503	0.2450	-	0.000004600
Humulene	1.6328	0.1633	-	0.000004600
Nerolidol	1.4271	0.1427	-	0.000004600
Guaiol	ND	ND	-	0.000004600
Caryophyllene oxide	1.3500	0.1350	-	0.000004600
α-Bisabolol	1.1355	0.1135	-	0.000004600

**Total Terpenes (%):** 3.0741



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## Foreign Materials

**PASS**

**Date Analyzed:** **Date Completed:**  
**Instrument:** Microscope **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:** **Date Completed:**  
**Instrument:** HPLC-ICP/MS QQQ (Agilent 1260 and 7900) **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:** **Date Completed:**  
**Instrument:** Binder Incubator and Hardy Wizard Reader **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	ND	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:** **Date Completed:**  
**Instrument:** Agilent LC/MS QQQ **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

*Anthony Brixey*

*James Rhudy*

**Reviewed By:** Anthony Brixey  
12/09/2020

**Approved By:** James Rhudy  
12/09/2020