



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

Certificate of Analysis

Client Name	AMAC Genetics, LLC dba Camelot Cannabis	License Number	GAAA-NYG6-J34L
Address	14360 S 4070 Rd Oologah, Oklahoma 74053	Phone	9186070181
Sample ID	SA-041221-7294	Sample Type	Flower
Strain	Camelot Cookies	Sample Batch #	3970334101592314
		Date Received	04/12/2021

Summary of Results			
Potency Profile		Terpene Profile	
Cannabinoid	Result mg/g	Terpene	Result %
CBDV	-	Camphene	0.0189934
CBDA	0.452749	Myrcene	0.232669
CBN	-	β-pinene	0.0419621
CBD	0.45827	3-Carene	-
CBGA	4.69312	Delta-limonene	0.158683
CBG	1.37481	Cymene	-
THCV	-	β-Ocimene	-
Δ9-THC	8.86725	Eucalyptol	-
Δ8-THC	-	γ-Terpinene	-
THCA	169.471	α-Terpinene	-
CBC	-	Terpinolene	-
Total THC %	15.7493%	Linalool	0.0632744
Total THC mg/g	157.493	Isopulegol	-
		Geraniol	-
Microbiological Profile		β-Caryophyllene	0.247466
All Results	Pass	Humulene	0.0797279
Mycotoxin Screening		Nerolidol	0.00861326
All Results	NT	Guaiol	-
Residual Solvents		Caryophyllene oxide	-
All Results	NT	α-Bisabolol	0.067581
Heavy Metals Screening		Total Terpene %	0.918969
All Results	Pass		
Pesticide Screening			
All Results	Pass		
Water Activity			
All Results	Pass		

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Potency

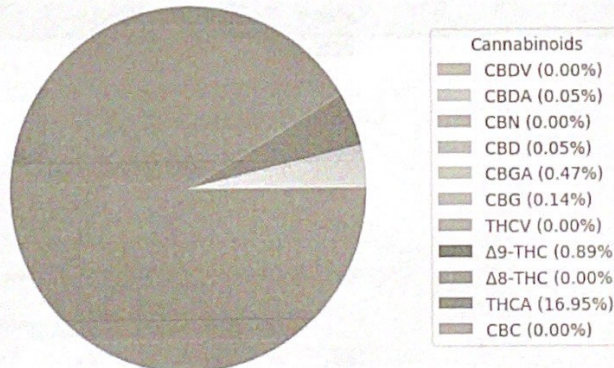
Date Analyzed:
Instrument: GTL-INST-001

Date Completed:
Method: HPLC-UV

Batch #: BA-042221-1130
Lab Tech: Audrey Krabacher

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	-	1.000
CBDA	0.0453	0.4527	-	1.000
CBN	ND	ND	-	1.000
CBD	0.0458	0.4583	-	1.000
CBGA	0.4693	4.6931	-	1.000
CBG	0.1375	1.3748	-	1.000
THCV	ND	ND	-	1.000
Δ9-THC	0.8867	8.8673	-	1.000
Δ8-THC	ND	ND	-	1.000
THCA	16.9471	169.471	-	1.000
CBC	ND	ND	-	0.885
% Moisture	10			
Total Cannabinoids	18.5317	185.317		
Total CBD	0.0855	0.8553		
Total THC	15.7493	157.493		

Cannabinoid Distribution (%)



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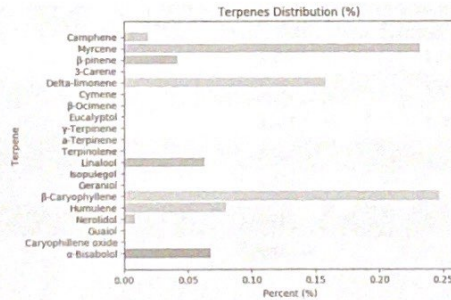
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Sample ID	SA-041221-7294	Sample Type	Flower
Strain	Camelot Cookies	Sample Batch #	3970334101592314
Terpenoid		Date Received	04/12/2021

Date Analyzed:	Date Completed:	Batch #: BA-042321-1137
Instrument: GTL-INST-013	Method: Direct injection by GC-MS	Lab Tech: John Boyle

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	0.1899	0.0190	-	0.000004600
Myrcene	2.3267	0.2327	-	0.000004600
β-pinene	0.4196	0.0420	-	0.000004600
3-Carene	ND	ND	-	0.000004600
Delta-limonene	1.5868	0.1587	-	0.000004600
Cymene	ND	ND	-	0.000004600
β-Ocimene	ND	ND	-	0.000004600
Eucalyptol	ND	ND	-	0.000004600
γ-Terpinene	ND	ND	-	0.000004600
α-Terpinene	ND	ND	-	0.000004600
Terpinolene	ND	ND	-	0.000004600
Linalool	0.6327	0.0633	-	0.000004600
Isopulegol	ND	ND	-	0.000004600
Geraniol	ND	ND	-	0.000004600
β-Caryophyllene	2.4747	0.2475	-	0.000004600
Humulene	0.7973	0.0797	-	0.000004600
Nerolidol	0.0861	0.0086	-	0.000004600
Guaial	ND	ND	-	0.000004600
Caryophyllene oxide	ND	ND	-	0.000004600
α-Bisabolol	0.6758	0.0676	-	0.000004600
Total Terpenes (%):	9.1897	0.9190		



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Address: 14360 S 4070 Rd, Oologah, Oklahoma 74053
Phone: 9186070181
Sample Type: Flower
Sample Batch #: 3970334101592314
Sample ID: SA-041221-7294
Date Received: 04/12/2021
Strain: Camelot Cookies

Foreign Materials

PASS

Date Analyzed: **Date Completed:**
Instrument: GTL-INST-007 **Method:** Amscope Microscope **Lab Tech:** Audrey Krabacher

Analyte	Result (%)	Threshold (%)	Pass/Fail
Sand, Solls, 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: GTL-INST-017 **Method:** HPLC-ICP/MS **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: GTL-INST-003 **Method:** Hardy Compact Dry **Lab Tech:**

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	1.00	1.00	10,000	Pass
Salmonella spp	ND	1.00	1.00	1	Pass
Aspergillus fumigatus	ND	1.00		1	Pass
Aspergillus terreus	ND	1.00		1	Pass
Aspergillus flavus	ND	1.00		1	Pass
Total Plate Count	ND	10000.0		10000	Pass

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Strain	Camelot Cookies	Sample Batch #	3970334101592314
		Date Received	04/12/2021

Pesticide Profile

PASS

Date Analyzed:
Instrument: GTL-INST-018

Date Completed:
Method: LC/MS QQQ

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: GTL-INST-010

Date Completed:
Method: TDL Water Activity

Lab Tech: Audrey Krabacher

Analyte	Finding	Limit	Status
Water Activity	0.440	0.65	Tested

Anthony Brixey

James Rhudy

Reviewed By: Anthony Brixey
 04/23/2021

Approved By: James Rhudy
 04/23/2021

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