

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-102421-13795	Sample Type	Flower
Strain	Watermelon Zum Zum	Sample Batch #	5441 6774 1044
		Date Received	10/26/2021

Potency Profile		Terpene Profile	
Cannabinoid	Result mg/g	Terpene	Result %
CBDV	-	Camphene	0.0437082
CBDA	0.76291	Myrcene	0.174833
CBN	-	β-pinene	-
CBD	1.27883	3-Carene	-
CBGA	9.36348	Delta-limonene	0.16172
CBG	1.54777	Cymene	-
THCV	0.285405	β-Ocimene	-
Δ9-THC	5.59833	Eucalyptol	0.0437082
Δ8-THC	-	γ-Terpinene	-
THCA	308.292	α-Terpinene	-
CBC	0.488482	Terpinolene	-
Total THC %	27.597%	Linalool	-
Total THC mg/g	275.97	Isopulegol	-
		Geraniol	-
		β-Caryophyllene	0.126754
		Humulene	0.305957
		Nerolidol	-
		Guaiol	-
		Caryophyllene oxide	0.262249
		α-Bisabolol	-
		Total Terpene %	1.29376

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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Potency

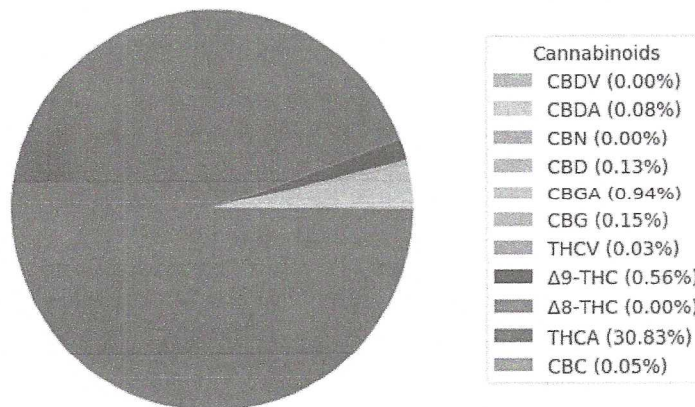
Date Analyzed:
Instrument: GTL-INST-001

Date Completed:
Method: HPLC-UV

Batch #: BA-110121-2104
Lab Tech: Audrey Krabacher

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	-	0.012
CBDA	0.0763	0.7629	-	0.03
CBN	ND	ND	-	0.055
CBD	0.1279	1.2788	-	0.034
CBGA	0.9363	9.3635	-	0.063
CBG	0.1548	1.5478	-	0.045
THCV	0.0285	0.2854	-	0.051
Δ9-THC	0.5598	5.5983	-	0.043
Δ8-THC	ND	ND	-	0.071
THCA	30.8292	308.292	-	0.063
CBC	0.0488	0.4885	-	0.017
% Moisture	9.21			
Total Cannabinoids	32.7617	327.617		
Total CBD	0.1948	1.9479		
Total THC	27.597	275.97		

Cannabinoid Distribution (%)



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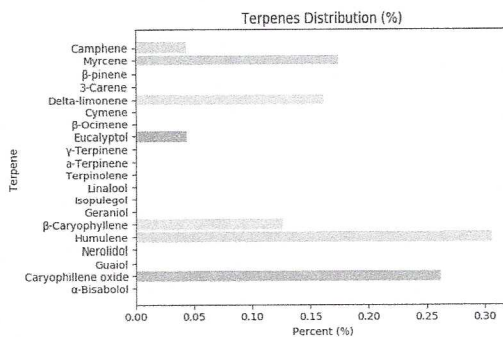
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Sample ID	SA-102421-13795	Sample Type	Flower
Strain	Watermelon Zum Zum	Sample Batch #	5441 6774 1044
Terpenoid		Date Received	10/26/2021

Date Analyzed:	Date Completed:	Lab Tech: Audrey Krabacher
Instrument: GTL-INST-013	Method: Direct injection by GC-MS	

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	0.4371	0.0437	-	0.000004600
Myrcene	1.7483	0.1748	-	0.000004600
β-pinene	ND	ND	-	0.000004600
3-Carene	ND	ND	-	0.000004600
Delta-limonene	1.6172	0.1617	-	0.000004600
Cymene	ND	ND	-	0.000004600
β-Ocimene	ND	ND	-	0.000004600
Eucalyptol	0.4371	0.0437	-	0.000004600
γ-Terpinene	ND	ND	-	0.000004600
α-Terpinene	ND	ND	-	0.000004600
Terpinolene	ND	ND	-	0.000004600
Linalool	ND	ND	-	0.000004600
Isopulegol	ND	ND	-	0.000004600
Geraniol	ND	ND	-	0.000004600
β-Caryophyllene	1.2675	0.1268	-	0.000004600
Humulene	3.0596	0.3060	-	0.000004600
Nerolidol	ND	ND	-	0.000004600
Guaiol	ND	ND	-	0.000004600
Caryophyllene oxide	2.6225	0.2622	-	0.000004600
α-Bisabolol	ND	ND	-	0.000004600
Total Terpenes (%):	12.9376	1.2938		



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Strain	Watermelon Zum Zum	Sample Batch #	5441 6774 1044
		Date Received	10/26/2021

Foreign Materials

PASS

Date Analyzed:
Instrument: GTL-INST-007

Date Completed:
Method: Amscope Microscope

Lab Tech: Audrey Krabacher

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: GTL-INST-017

Date Completed:
Method: HPLC-ICP/MS

Lab Tech:

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: GTL-INST-003

Date Completed:
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	100	1.00	1.00	10,000	
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
Aspergillus niger	ND	1.00		1	Pass



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 74053
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Strain Watermelon Zum Zum

License Number GAAA-NYG6-J34L
Phone 9186070181
Sample Type Flower
Sample Batch # 5441 6774 1044
Date Received 10/26/2021

Pesticide Profile

PASS

Date Analyzed:
Instrument: GTL-INST-018

Date Completed:
Method: LC/MS QQQ - Performed by OKCTL

Lab Tech:

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:

Analyte	Finding	Limit	Status
Water Activity	0.512	0.65	Tested

Anthony Brixe

James Rhudy

Reviewed By: Anthony Brixe
 11/01/2021

Approved By: James Rhudy
 11/01/2021

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