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GAMA Report ID: BOTP-92265  
Report Submitted: 7/22/2025

### Client Info

The Botanist, Inc.  
32 Chocksett Road Sterling, MA 01564  
License: RMD905-P  
Metrc Manifest: 2959336  
Date Received: 7/18/2025

### Sample Identification

METRC Batch ID: KGxAG-LVAP-250716  
METRC Sample ID: 1A40A010000106A000092265  
METRC Source ID: 1A40A010000106A000092264  
ME Batch ID: N/A  
QBench Order ID: BOTP12596

### Sample Properties

Sample Weight (g): 5.11

### Product Characterization

Production Stage: Inhalable Concentrate  
Product Class: Concentrate  
Extraction Solvent: Butane  
Retail Name: M00004102504: Bulk Concentrate - Live Resin - Kona G x Acapulco Gold Vape Oil

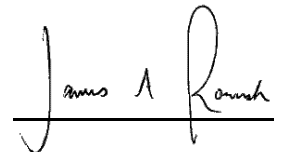
### Results for Requested Analyses

Y = Tested "-" = Not Tested P = Pass F = Fail

Cannabinoid Profile	Y	Terpene Profile	Y	Heavy Metals	P	Residual Solvents	P	Pesticides	-	Total Yeast and Mold	P
Mycotoxins	P	Pathogenic Bacteria	P	Total Coliforms	P	Total Aerobic Bacteria	P	Enterobacteriaceae	P	Vitamin E Acetate	-

### Authorization

Green Analytics Massachusetts is an Independent Testing Laboratory accredited to ISO/IEC 17025:2017 and licensed by the Massachusetts Cannabis Control Commission (CCC, # IL281277). Analytical methods and best-practices used are in compliance with the CCC's Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for MA Registered Medical Marijuana Dispensaries. The net/gross weight of the sample received was verified and all analyses were conducted at the GAMA laboratory. Quality control checks were prepared at known concentrations and run alongside batched client samples. Results presented here pertain to the sample received and relate only to items tested per sub-sampling SOP-071-MA. This Analytical Report shall not be reproduced except in full without GAMA approval. Where statements of conformity are reported ('pass' vs. 'fail'), the simple acceptance decision rule is applied, however the measurement uncertainty associated with the test method applied (not displayed in this simplified report) may impact the certainty with which a statement of conformity is made. This simplified report may not display all test methods' limits of detection (LODs), however this data is also available upon request.



James Roush  
Laboratory Director

**Cannabinoid Profile** Metrac ID Tag: 1A40A010000106A000092265  
**Test ID: #1138826** Analyst Badge: 169273 Analysis Date: 07/20/2025

Cannabinoids were analyzed using a High Performance Liquid Chromatograph equipped with a Photodiode Array Detector (HPLC-PDA) following GAMA SOP-002-MA; SOP-025-MA; SOP-073-MA.

Cannabinoid	LOQ (%)	Result (%)	Result (mg/g)
Tetrahydrocannabinolic acid (THCA)	0.200	6.221	62.21
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.200	75.996	759.96
Cannabidiolic acid (CBDA)	0.200	ND	ND
Cannabidiol (CBD)	0.200	ND	ND
Cannabinol (CBN)	0.200	ND	ND
Cannabichromene (CBC)	0.200	ND	ND
Cannabigerolic acid (CBGA)	0.200	ND	ND
Cannabigerol (CBG)	0.200	ND	ND
Cannabidivarin (CBDV)	0.200	ND	ND
Tetrahydrocannabivarin (THCV)	0.200	0.645	6.45
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.200	ND	ND
<b>Total Cannabinoids</b>		<b>82.862</b>	<b>828.62</b>

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

**Heavy Metals Analysis** Metrac ID Tag: 1A40A010000106A000092265  
**Test ID: #1138828** Analyst Badge: 164555 Analysis Date: 07/21/2025

Heavy Metals were analyzed using an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) following GAMA SOP-021-MA; SOP-061-MA; SOP-072-MA. - **Limit units: ppb**

Analyte	LOQ (ppb)	Result (ppb)	Limit	Pass/Fail
Total Arsenic	124.8	BLQ	200	PASS
Cadmium	123.7	ND	200	PASS
Total Mercury	82.6	BLQ	100	PASS
Lead	165.1	BLQ	500	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

**Plating Microbial Contaminants Analysis** Metrac ID Tag: 1A40A010000106A000092265  
**Test IDs: 1138832, 1138833, 1138834, 1138835** Analyzed By Badge: 158225, 158225, 158225, 158225

Microbial contaminants were quantified using a 3M Petrifilm method and reported as colony forming units per gram (CFU/g). Samples were extracted and analyzed following GAMA SOP-700-MA. - **Limit units: CFU/g**

Analyte	Result	Analysis Date	Limit	Finding
Total Yeast and Mold (TYM)	ND	07/22/2025	1000	PASS
Total Viable Aerobic Bacteria (TAC)	ND	07/22/2025	10000	PASS
Total Coliforms (TC)	ND	07/22/2025	100	PASS
Enterobacteriaceae (EB)	ND	07/22/2025	100	PASS

Note "NT": Not Tested; "ND": Not Detected.

**Pathogenic Bacteria Results** Metrac ID Tag: 1A40A010000106A000092265  
**Test IDs: 1138830, 1138831** Analyzed By Badge: 143695, 143695

The presence or absence of STEC E. coli and Salmonella spp. was determined using a PCR technique. Samples were incubated for a minimum of 18 hours prior to plating and analyzed following GAMA SOP-700-MA. - **Limit units: CFU/g**

Analyte	Result	Analysis Date	Limit	Finding
STEC E. Coli	Not Detected in 1g	07/21/2025	Detection in 1.0 g	PASS
Salmonella spp.	Not Detected in 1g	07/21/2025	Detection in 1.0 g	PASS

Note "NT": Not Tested; "ND": Not Detected.

**Mycotoxins Results** Metrc ID Tag: 1A40A010000106A000092265  
 Test ID: #1138829 Analyst Badge: 164555 Analysis Date: 07/21/2025

Mycotoxins were analyzed using a High Performance Liquid Chromatograph equipped with a tandem Mass Spectrometer (LC/MS/MS) following GAMA SOP-002-MA; SOP-062-MA; SOP-070-MA. - **Limit units: µg/kg**

Analyte	LOQ (ppb)	Result (ppb)	Limit (ppb)	Finding
Aflatoxin B1	20.0	ND	20	PASS
Aflatoxin B2	20.0	ND	20	PASS
Aflatoxin G1	20.0	ND	20	PASS
Aflatoxin G2	20.0	ND	20	PASS
Ochratoxin A	20.0	ND	20	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

**Residual Solvent Results** Metrc ID Tag: 1A40A010000106A000092265  
 Test ID: #1138827 Analyst Badge: 140401 Analysis Date: 07/21/2025

Residual Solvents were analyzed using a Headspace Autosampler coupled to a Gas Chromatograph equipped with a tandem Mass Spectrometer (HS-GC/MS/MS) following GAMA SOP-011-MA; SOP-067-MA; SOP-010-MA. - **Limit units: ppm**

Analyte	LOQ (ppm)	Result (ppm)	Limit	Pass/Fail
n-Butane	6.14	ND	12	PASS

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Terpenes Profile

Metric ID Tag: 1A40A010000106A000092265

Test ID: #1141687

Analyst Badge: 140401

Analysis Date: 07/21/2025

Terpenes were analyzed using a Liquid Injection Autosampler coupled to a Gas Chromatograph equipped with a tandem Mass Spectrometer (GC/MS/MS) following GAMA SOP-002-MA; SOP-063-MA; SOP-069-MA.

Analyte	LOQ (%)	Result (%)	Result (mg/g)
α-Pinene	0.02	0.621	6.21
Camphene	0.02	0.042	0.42
Sabinene	0.02	ND	ND
β-Pinene	0.02	0.381	3.81
β-Myrcene	0.02	6.746	67.46
Phellandrene	0.02	ND	ND
Carene	0.02	ND	ND
α-Terpinene	0.02	BLQ	BLQ
D-Limonene	0.02	1.817	18.17
Eucalyptol	0.02	ND	ND
Ocimene	0.02	ND	ND
γ-Terpinene	0.02	ND	ND
Sabinene Hydrate	0.02	ND	ND
Terpinolene	0.02	0.126	1.26
Fenchone	0.02	BLQ	BLQ
Linalool	0.02	ND	ND
Fenchol	0.02	0.079	0.79
Camphor	0.02	ND	ND
Isoborneol	0.02	ND	ND
Borneol	0.02	ND	ND
Menthol	0.02	ND	ND
Terpineol	0.02	ND	ND
Nerol	0.02	ND	ND
Pulegone	0.02	ND	ND
Geraniol	0.02	ND	ND
Geranyl Acetate	0.02	ND	ND
α-Cedrene	0.02	ND	ND
Caryophyllene	0.02	0.569	5.69
α-Humulene	0.02	0.251	2.51
Valencene	0.02	ND	ND
cis-Nerolidol	0.02	ND	ND
trans-Nerolidol	0.02	ND	ND
Caryophyllene Oxide	0.02	ND	ND
Guaiol	0.02	ND	ND
Cedrol	0.02	ND	ND
α-Bisabolol	0.02	ND	ND
<b>Total Terpenes</b>		<b>10.632</b>	<b>106.32</b>

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.