



**ARL Healthcare**  
177 John Vertente Blvd  
New Bedford, MA 02745  
ncirillo@arlhealthcare.com  
  
License: RMD 1085-P

# Certificate of Analysis

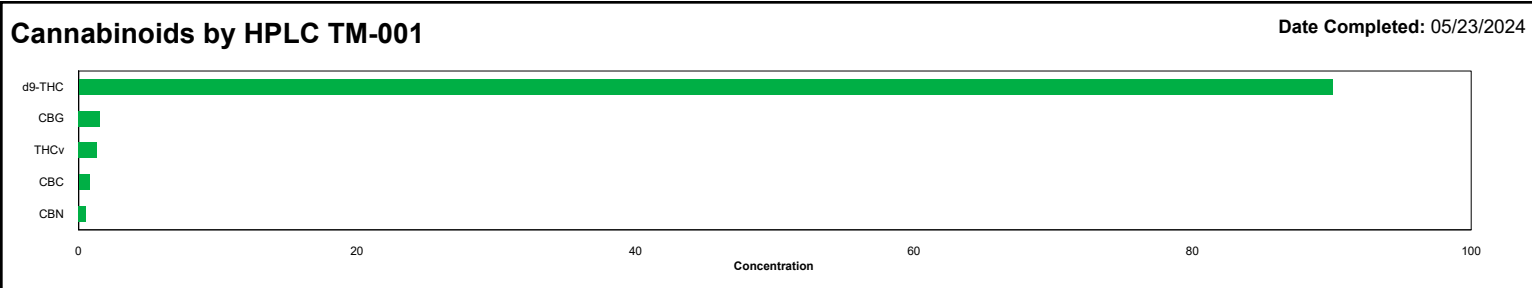


**Report Number:** 9818  
**Report Date:** 05/23/2024

## In House Vape Cart Georgia Pine

**Laboratory Sample Number:** 17232  
**Received Weight:** 7.00g, **Unit Count:**  
**Type:** Concentrates, Extracts and Distillates, Inhalable Concentrate (Vape)  
**Date Collected:** 05/20/2024  
**Date Received:** 05/20/2024  
**Date Completed:** 05/23/2024  
**METRC Tag ID:** 1A40A0100001AF6000145554  
**METRC Lot ID:** 1A40A0100001AF6000145555  
**METRC Batch ID:** 05152024IHVCGP1G145555  
**Internal Production ID:**  
**Internal Lot ID:**

Testing Summary	
Total Cannabinoids	94.51 %
Total d9-THC	90.17 %
Total CBD	0.16 %
Total Terpenes	4.75 %
Heavy Metals	PASS
Pesticides	Not Tested
Microbial Contamination	PASS
Mycotoxins	PASS
Residual Solvents	PASS
Vitamin E Acetate	PASS
Water Activity	Not Tested



Compound Name	CAS Number	Limit of Detection (%)	Limit of Quantitation (%)	Reported Value (%)
CBC	20675-51-8	0.03	0.05	0.78
CBD	13956-29-1	0.03	0.05	0.16
CBDa	1244-58-2	0.03	0.05	ND
CBDv	24274-48-4	0.03	0.05	ND
CBG	25654-31-3	0.03	0.05	1.52
CBGa	25555-57-1	0.03	0.05	ND
CBN	521-35-7	0.03	0.05	0.53
d8-THC	5957-75-5	0.03	0.05	ND
d9-THC	1972-08-3	0.03	0.05	90.05
THCa	23978-85-0	0.03	0.05	0.14
THCv	31262-37-0	0.03	0.05	1.33

\* Calculated values are determined using the following: Total THC = d9-THC + (THCa \* 0.877) and Total CBD = CBD + (CBDa \* 0.877)

Test Comment:

**ATOZ Laboratories, Inc.**  
100 South St, Unit A  
Hopkinton, MA 01748  
9786140404  
testing@atoz-labs.com  
www.atoz-labs.com  
License: IL281335

Corey Aldoupolis, Laboratory Director  
5/23/2024 3:55:56PM





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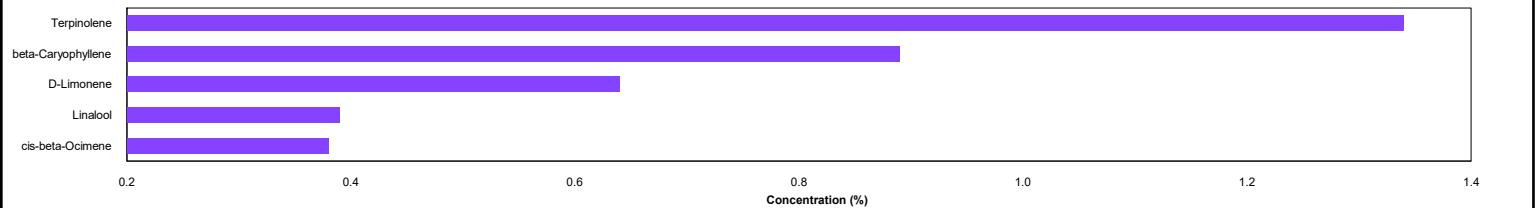


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In House Vape Cart Georgia Pine

Terpenes by GCMS TM-006 Date Completed: 05/23/2024



Compound Name	CAS Number	Limit of Detection (%)	Limit of Quantitation (%)	Reported Value (%)
alpha-Bisabolol	515-69-5	0.005	0.01	0.11
alpha-Humulene	6753-98-6	0.005	0.01	0.29
alpha-Pinene	80-56-8	0.005	0.01	0.07
alpha-Terpinene	99-86-5	0.005	0.01	0.04
beta-Caryophyllene	87-44-5	0.005	0.01	0.89
beta-Myrcene	123-35-3	0.005	0.01	0.30
beta-Pinene	127-91-3	0.005	0.01	0.12
Camphene	79-92-5	0.005	0.01	0.01
Caryophyllene Oxide	1139-30-6	0.005	0.01	0.02
cis-beta-Ocimene	3338-55-4	0.005	0.01	0.38
cis-Nerolidol	142-50-7	0.005	0.01	ND
delta-3-Carene	13466-78-9	0.005	0.01	0.03
D-Limonene	5989-27-5	0.005	0.01	0.64
Eucalyptol	470-82-6	0.005	0.01	0.07
gamma-Terpinene	99-85-4	0.005	0.01	0.04
Geraniol	106-24-1	0.005	0.01	ND
Guaiol	489-86-1	0.005	0.01	ND
Isopulegol	89-79-2	0.005	0.01	ND
Linalool	78-70-6	0.005	0.01	0.39
p-Cymene	99-87-6	0.005	0.01	0.01
Terpinolene	586-62-9	0.005	0.01	1.34
trans-beta-Ocimene	3779-61-1	0.005	0.01	ND
trans-Nerolidol	40716-66-3	0.005	0.01	ND

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Final



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## Vitamin E by HPLC TM-010

Date Completed: 05/23/2024

Compound Name	Limit of Quantitation (ppm)	Compliance Limit (ppm)	Reported Value (ppm)	Result Status
Vitamin E Acetate	500	500	ND	PASS

Test Comment:

## Solvents by GCMS HS TM-003

Date Completed: 05/21/2024

Compound Name	Limit of Quantitation (ppm)	Compliance Limit (ppm)	Reported Value (ppm)	Result Status
Acetone	0.4	5000	6.8	PASS
Acetonitrile	0.4	410	ND	PASS
Butane	0.4	12	0.80	PASS
Ethanol	0.4	5000	13	PASS
Isobutane	0.4	12	ND	PASS
Isopropanol	0.4	5000	0.77	PASS
Methanol	0.4	3000	<LOQ	PASS
n-Heptane	0.4	5000	ND	PASS
n-Hexane	0.4	290	2.2	PASS
Propane	0.4	12	ND	PASS

Test Comment:

## Mycotoxins by LCMS TM-005

Date Completed: 05/22/2024

Compound Name	Limit of Quantitation (ppb)	Compliance Limit (ppb)	Reported Value (ppb)	Result Status
Aflatoxin B1	10	20	ND	PASS
Aflatoxin B2	10	20	ND	PASS
Aflatoxin G1	10	20	ND	PASS
Aflatoxin G2	10	20	ND	PASS
Ochratoxin A	10	20	ND	PASS
Total Aflatoxins	10	20	ND	PASS
Total Mycotoxins	10	20	ND	PASS

Test Comment:



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## Metals by ICPMS TM-002

Date Completed: 05/21/2024

Compound Name	Limit of Quantitation (ppm)	Compliance Limit (ppm)	Reported Value (ppm)	Result Status
Arsenic (As)	0.05	0.2	ND	PASS
Cadmium (Cd)	0.05	0.2	ND	PASS
Lead (Pb)	0.05	0.5	0.05	PASS
Mercury (Hg)	0.05	0.1	ND	PASS

Test Comment:

## Microbials by qPCR TM-009

Date Completed: 05/22/2024

Compound Name	Limit of Quantitation (CFU/g)	Compliance Limit (CFU/g)	Reported Value (CFU/g)	Result Status
BTGN Bacteria Count	100	100	ND	PASS
Salmonella	-	1	ND	PASS
Shiga Toxin-Producing E. coli	-	1	ND	PASS
Total Aerobic Bacteria	100	10000	ND	PASS
Total Coliforms	100	100	ND	PASS
Total Yeast and Mold	100	1000	ND	PASS

Test Comment:

## Comment

## Disclaimer

The reported result is based on sample weight. LOD = Limit of Detection, LOQ = Limit of Quantitation, NA = Not Applicable, ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the laboratory. This product has been tested by ATOZ Laboratories, Inc. in accordance with ISO/IEC 17025 and Massachusetts State M.G.L. c. 94I, 94G 935 CMR 500.000 and 501.000. Values reported relate only to the product tested. The uncertainty of measurement associated with the results reported in this certificate is available upon request; however, the laboratory does not include the uncertainty as part of the decision rule for compliance. The laboratory does not provide sampling, all samples are tested as received. ATOZ Laboratories, Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This certificate shall not be reproduced except in full, without the written approval of ATOZ Laboratories, Inc.



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