

PV Cured Cartoons & Cereal

METRC Sample: 1A40A0300001451000063292; METRC Manifest: 0002434539; Metrc Source ID: 1A40A0300001451000063291

Sample ID: 2408ANS1903-14970

Produced: 08/27/2024

Client

Strain: Cartoon & Cereal

Completed: 08/30/2024

Pioneer Valley Extracts, LLC

Concentrates & Extracts, Distillate, Cannabis Resin

Expiration: 08/30/2025

Lic. # MP281417

& Concentrates, Cannabis Resin & Concentrates, Inhalation

Batch ID: 240827.MAC.CAR

43 Ladd Ave

Sample Size: 5 g

Florence, MA 01062

COC #: 2408ANS1903; Number of Servings: ; Growth Material: flower; Extraction Solvent: Butane; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Cannabinoids	08/29/2024	Complete
Water Activity		NR - Complete
Terpenes	08/28/2024	Complete
Residual Solvents	08/28/2024	Pass
Microbials	08/27/2024	Pass
Mycotoxins	08/28/2024	Pass
Heavy Metals	08/28/2024	Pass
Product Approved		May be dispensed for all uses

Instrument ID: WA-1
Water Activity analyzed per SOP-020. NT= Not Tested, NR = Not Reported.

Cannabinoids

Complete

77.665%	ND	78.834%
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	78.235	782.345	
Δ9-THC	0.00002	0.00010	9.053	90.529	
Δ8-THC	0.00002	0.00010	ND	ND	
THCVa	0.00002	0.00010	ND	ND	
THCV	0.00001	0.00010	ND	ND	
CBDa	0.00001	0.00010	ND	ND	
CBD	0.00001	0.00010	ND	ND	
CBDVa	0.00001	0.00010	ND	ND	
CBDV	0.00001	0.00010	ND	ND	
CBNa	0.00004	0.00010	ND	ND	
CBN	0.00002	0.00010	ND	ND	
CBGa	0.00001	0.00010	1.334	13.337	
CBG	0.00002	0.00010	ND	ND	
CBCa	0.00004	0.00010	ND	ND	
CBC	0.00001	0.00010	ND	ND	
CBL	0.00003	0.00010	ND	ND	
CBT	0.00002	0.00010	ND	ND	
Total Available THC			87.287	872.874	
Total Active THC			77.665	776.645	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			88.621	886.211	
Total Active Cannabinoids			78.834	788.342	

Entered by: 25; Instrument ID: 4; Date Tested: 08/29/2024;

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCa. Total Active THC = Δ9-THC + (THCa0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCa0.877+ Δ9 THC+ Δ8 THC+ THCVa0.877+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVa 0.877+ CBNA0.877+ CBN + CBGA0.877+ CBG + CBCA*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.



Accreditation #104289

Ryan Picard

Ryan Picard
Lab Director
08/30/2024

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Expiration: 08/30/2025

Lic. # MP281417

& Concentrates, Cannabis Resin & Concentrates, ,

Batch ID: 240827.MAC.CAR

43 Ladd Ave

Inhalation

Florence, MA 01062






Sample Size: 5 g

COC #: 2408ANS1903; Number of Servings: ; Growth Material: flower; Extraction Solvent: Butane; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
β-Caryophyllene		0.00002	0.0001	1.36	13.626	
Linalool		0.00002	0.0001	0.66	6.612	
α-Humulene		0.00002	0.0001	0.62	6.232	
β-Farnesene		0.00003	0.0001	0.41	4.082	
Limonene		0.00002	0.0001	0.37	3.724	
Nerolidol		0.00001	0.0001	0.37	3.666	
α-Terpineol		0.00003	0.0001	0.17	1.668	
β-Myrcene		0.00001	0.0001	0.12	1.167	
Caryophyllene Oxide		0.00002	0.0001	0.06	0.583	
(+)-alpha-Thujone		0.00002	0.0001	ND	ND	
3-Carene		0.00001	0.0001	ND	ND	
α-Bisabolol		0.00002	0.0001	ND	ND	
α-Cedrene		0.00001	0.0001	ND	ND	
α-Pinene		0.00001	0.0001	ND	ND	
α-Terpinene		0.00001	0.0001	ND	ND	
β-Cedrene		0.00001	0.0001	ND	ND	
β-Pinene		0.00001	0.0001	ND	ND	
Camphene		0.00001	0.0001	ND	ND	
Camphor		0.00002	0.0001	ND	ND	
Cedrol		0.00002	0.0001	ND	ND	
cis-Farnesol		0.00002	0.0001	ND	ND	
cis-Ocimene		0.00001	0.0000	ND	ND	
Citronellol		0.00001	0.0001	ND	ND	
(S)-(+)-Carvone		0.00002	0.0001	ND	ND	
delta-Valerolactam		0.00002	0.0001	ND	ND	
Eucalyptol		0.00001	0.0001	ND	ND	
γ-Terpinene		0.00002	0.0001	ND	ND	
Geraniol		0.00001	0.0001	ND	ND	
Total				4.14	41.360	

Primary Aromas

 Cinnamon	 Lavender	 Hops	 Magnolia	 Orange
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Entered by: 42

Instrument ID: GC-3 Back

Date Tested: 08/28/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.



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08/30/2024

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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
Geranyl Acetate		0.00002	0.0001	ND	ND	
Isobornyl Acetate		0.00002	0.0001	ND	ND	
(-)-Fenchone		0.00002	0.0001	ND	ND	
m-Cymene		0.00002	0.0001	ND	ND	
Menthol		0.00003	0.0001	ND	ND	
Menthone		0.00002	0.0001	ND	ND	
Nerol		0.00002	0.0001	ND	ND	
Nootkatone		0.00002	0.0001	ND	ND	
o-Cymene		0.00002	0.0001	ND	ND	
(-)-Isopulegol		0.00002	0.0001	ND	ND	
(+)-Borneol		0.00002	0.0001	ND	ND	
(-)-Guaiol		0.00002	0.0001	ND	ND	
Phytane		0.00002	0.0001	ND	ND	
Piperitone		0.00002	0.0001	ND	ND	
R-(-)- α -Phellandrene		0.00001	0.0001	ND	ND	
(+)-Pulegone		0.00002	0.0001	ND	ND	
p-Cymene		0.00001	0.0001	ND	ND	
Sabinene		0.00009	0.0001	ND	ND	
Sabinene Hydrate		0.00002	0.0001	ND	ND	
Safranal		0.00002	0.0001	ND	ND	
Terpinen-4-ol		0.00001	0.0001	ND	ND	
Terpinolene		0.00001	0.0001	ND	ND	
Thymol		0.00002	0.0001	ND	ND	
trans-Citral		0.00002	0.0001	ND	ND	
trans-Farnesol		0.00002	0.0001	ND	ND	
trans-Ocimene		0.00001	0.0001	ND	ND	
Valencene		0.00002	0.0001	ND	ND	
Total				4.14	41.360	

Primary Aromas

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Microbials

Pass

Analyte	Limit	Results	Qualifiers	Status
	CFU/g	CFU/g		
(ECPT) E. coli (O157)	Not Detected in 1g	Not Detected		Pass
(SPT) Salmonella	Not Detected in 1g	Not Detected		Pass
(AC) Total Viable Aerobic Bacteria	10000	<100		Pass
(YM) Total Yeast & Mold	1000	<100		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	100	<10		Pass
(CC) Total Coliforms	100	<10		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 53

Instrument ID: PCR-2

Date Tested: 08/27/2024

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Total Aflatoxins	4.0	4.0	20.0	ND		Pass
Ochratoxin A	2.0	2.0	20.0	ND		Pass

Entered by: 64

Instrument ID: ER-2

Date Tested: 08/27/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.177	0.500	200.000	ND		Pass
Cadmium	0.139	0.500	200.000	ND		Pass
Lead	0.046	0.500	500.000	ND		Pass
Mercury	0.031	0.200	100.000	ND		Pass

Entered by: 11

Instrument ID: ICPMS-1

Date Tested: 08/27/2024

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005



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Residual Solvents

Pass

Analyte	LOQ	Limit	Results	Status	Qualifiers
	PPM	PPM	PPM		
Isobutane	1.000	12.000	ND	Pass	
n-Butane	1.000	12.000	ND	Pass	
Total Hydrocarbons	1.000	12.000	ND	Pass	
Propane	1.000	12.000	ND	Pass	

Entered by: 26

Instrument ID: GC-1

Date Tested: 08/28/2024

LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011



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