

F101-HB-HT:Galactic Warheads

METRC Sample: 1A40A0100001645000020901; METRC Manifest: 0002279503; Metrc Source ID: 1A40A0100001645000019073

Sample ID: 2406ANS1267-10298 Produced: 05/19/2024
Strain: Galactic Warheads Completed: 06/11/2024
Plant, Flower - Cured, Finished Plant Material, Plant Material, All uses Expiration: 06/11/2025
Batch ID: F101.GW.051924

Client
Happy Valley
Lic. # RMD1185-C
38 Great Republic Drive
Gloucester, MA 01930

Sample Size: 11.12 g
COC #: 2406ANS1267; Number of Servings: ; Growth Material: n/a; Extraction Solvent: n/a; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Cannabinoids	06/10/2024	Complete
Moisture		NR - Complete
Water Activity		NR - Complete
Terpenes	06/07/2024	Complete
Microbials	06/07/2024	Pass
Mycotoxins	06/07/2024	Pass
Pesticides	06/07/2024	Pass
Heavy Metals	06/10/2024	Pass
Product Approved		May be dispensed for all uses

Moisture analyzed per SOP-004

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

Cannabinoids

Complete

26.949% Total Active THC	ND Total Active CBD	27.880% Total Active Cannabinoids
------------------------------------	-------------------------------	---

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	29.737	297.369	
Δ9-THC	0.00002	0.00010	0.870	8.701	
Δ8-THC	0.00002	0.00010	ND	ND	
THCVa	0.00002	0.00010	0.165	1.654	
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	0.896	8.955	
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			30.607	306.070	
Total Active THC			26.949	269.494	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			31.668	316.679	
Total Active Cannabinoids			27.880	278.797	

Entered by: 49; Instrument ID: 3; Date Tested: 06/10/2024;

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 + (THCa*0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA*0.877). Total Active Cannabinoids = THCa*0.877+ Δ9 THC+ Δ8 THC+ THCVa*0.877+ 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
Lab Director
06/11/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



Unless otherwise stated, sampling was not performed by Analytics Labs, therefore results relate only to the items tested as they were received by the laboratory, and samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols per SOP-001, at Analytics Labs in Holyoke, MA. All pass limits are as specified in the most recent version of 935 CMR 500 and 935 CMR 501. Unless otherwise stated, in SOPs or otherwise, all quality control samples performed within specification established by the Cannabis Control Commission (CCC) Quality Assurance Plan (QAPP). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality system per Massachusetts state law. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety or other risk 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 consent of Analytics Labs.

F101-HB-HT:Galactic Warheads

METRC Sample: 1A40A0100001645000020901; METRC Manifest: 0002279503; Metrc Source ID: 1A40A0100001645000019073

Sample ID: 2406ANS1267-10298

Produced: 05/19/2024

Client

Strain: Galactic Warheads

Completed: 06/11/2024

Happy Valley

Plant, Flower - Cured, Finished Plant Material, Plant

Expiration: 06/11/2025

Lic. # RMD1185-C

Material, All uses

Batch ID: F101.GW.051924

38 Great Republic Drive
Gloucester, MA 01930

Sample Size: 11.12 g

COC #: 2406ANS1267; Number of Servings: ; Growth Material: n/a; Extraction Solvent: n/a; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
β-Myrcene		0.00001	0.0001	0.72	7.158	
Limonene		0.00002	0.0001	0.45	4.462	
Linalool		0.00002	0.0001	0.43	4.287	
β-Caryophyllene		0.00002	0.0001	0.27	2.726	
Nerolidol		0.00001	0.0001	0.15	1.519	
α-Humulene		0.00002	0.0001	0.12	1.151	
β-Pinene		0.00001	0.0001	0.10	0.955	
β-Farnesene		0.00003	0.0001	0.08	0.788	
α-Terpineol		0.00003	0.0001	0.07	0.715	
α-Pinene		0.00001	0.0001	0.05	0.506	
Terpinolene		0.00001	0.0001	0.03	0.305	
Camphene		0.00001	0.0001	0.02	0.171	
(+)-Borneol		0.00002	0.0001	0.01	0.096	
(+)-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-Terpinene		0.00001	0.0001	ND	ND	
β-Cedrene		0.00001	0.0001	ND	ND	
Camphor		0.00002	0.0001	ND	ND	
Caryophyllene Oxide		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	
Total				2.48	24.839	

Primary Aromas



Entered by: 42

Instrument ID: GC-3 Front

Date Tested: 06/07/2024

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



Accreditation #104289



Ryan Picard
Lab Director
06/11/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



Unless otherwise stated, sampling was not performed by Analytics Labs, therefore results relate only to the items tested as they were received by the laboratory, and samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols per SOP-001, at Analytics Labs in Holyoke, MA. All pass limits are as specified in the most recent version of 935 CMR 500 and 935 CMR 501. Unless otherwise stated, in SOPs or otherwise, all quality control samples performed within specification established by the Cannabis Control Commission (CCC) Quality Assurance Plan (QAPP). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality system per Massachusetts state law. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety or other risk 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 consent of Analytics Labs.

F101-HB-HT:Galactic Warheads

METRC Sample: 1A40A0100001645000020901; METRC Manifest: 0002279503; Metrc Source ID: 1A40A0100001645000019073

Sample ID: 2406ANS1267-10298

Produced: 05/19/2024

Client

Strain: Galactic Warheads

Completed: 06/11/2024

Happy Valley

Plant, Flower - Cured, Finished Plant Material, Plant Material, All uses

Expiration: 06/11/2025

Lic. # RMD1185-C

Batch ID: F101.GW.051924

38 Great Republic Drive
Gloucester, MA 01930

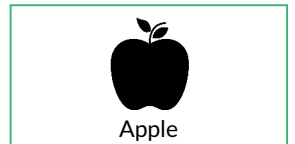
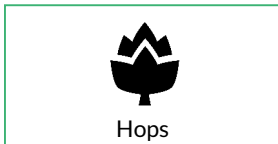
Sample Size: 11.12 g

COC #: 2406ANS1267; Number of Servings: ; Growth Material: n/a; Extraction Solvent: n/a; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
γ-Terpinene		0.00002	0.0001	ND	ND	
Geraniol		0.00001	0.0001	ND	ND	
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	
(-)-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	
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				2.48	24.839	

Primary Aromas



Entered by: 42

Instrument ID: GC-3 Front

Date Tested: 06/07/2024

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



Accreditation #104289



Ryan Picard
Lab Director
06/11/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



Unless otherwise stated, sampling was not performed by Analytics Labs, therefore results relate only to the items tested as they were received by the laboratory, and samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols per SOP-001, at Analytics Labs in Holyoke, MA. All pass limits are as specified in the most recent version of 935 CMR 500 and 935 CMR 501. Unless otherwise stated, in SOPs or otherwise, all quality control samples performed within specification established by the Cannabis Control Commission (CCC) Quality Assurance Plan (QAPP). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality system per Massachusetts state law. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety or other risk 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 consent of Analytics Labs.

F101-HB-HT:Galactic Warheads

METRC Sample: 1A40A0100001645000020901; METRC Manifest: 0002279503; Metrc Source ID: 1A40A0100001645000019073

Sample ID: 2406ANS1267-10298

Produced: 05/19/2024

Client

Strain: Galactic Warheads

Completed: 06/11/2024

Happy Valley

Plant, Flower - Cured, Finished Plant Material, Plant Material, All uses

Expiration: 06/11/2025

Lic. # RMD1185-C

Batch ID: F101.GW.051924

38 Great Republic Drive
Gloucester, MA 01930

Sample Size: 11.12 g

COC #: 2406ANS1267; Number of Servings: ; Growth Material: n/a; Extraction Solvent: n/a; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Qualifiers	Status
	PPB	PPB	PPB	PPB		
Bifentazate	0.1400	0.2500	10.0000	<4.71		Pass
Bifenthrin	0.0040	0.0250	10.0000	<4.71		Pass
Cyfluthrin	0.0050	0.0250	10.0000	<4.71		Pass
Etoxazole	0.1630	0.2500	10.0000	<4.71		Pass
Imazalil	0.1730	0.2500	10.0000	<4.71		Pass
Imidacloprid	0.0840	0.2500	10.0000	<4.71		Pass
Myclobutanil	0.1450	0.2500	10.0000	<4.71		Pass
Spiromesifen	0.1600	0.2500	10.0000	<4.71		Pass
Trifloxystrobin	0.1330	0.2500	10.0000	<4.71		Pass

Entered by: 10

Instrument ID 1: LCMS-2

Instrument ID 2: GCMS-4

Date Tested (LC): 06/07/2024

Date Tested (GC): 06/07/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008



Accreditation #104289

Ryan Picard
Lab Director
06/11/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



Unless otherwise stated, sampling was not performed by Analytics Labs, therefore results relate only to the items tested as they were received by the laboratory, and samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols per SOP-001, at Analytics Labs in Holyoke, MA. All pass limits are as specified in the most recent version of 935 CMR 500 and 935 CMR 501. Unless otherwise stated, in SOPs or otherwise, all quality control samples performed within specification established by the Cannabis Control Commission (CCC) Quality Assurance Plan (QAPP). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality system per Massachusetts state law. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety or other risk 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 consent of Analytics Labs.

F101-HB-HT:Galactic Warheads

METRC Sample: 1A40A0100001645000020901; METRC Manifest: 0002279503; Metrc Source ID: 1A40A0100001645000019073

Sample ID: 2406ANS1267-10298

Produced: 05/19/2024

Client

Strain: Galactic Warheads

Completed: 06/11/2024

Happy Valley

Plant, Flower - Cured, Finished Plant Material, Plant Material, All uses

Expiration: 06/11/2025

Lic. # RMD1185-C

Batch ID: F101.GW.051924

38 Great Republic Drive
Gloucester, MA 01930

Sample Size: 11.12 g

COC #: 2406ANS1267; Number of Servings: ; Growth Material: n/a; Extraction Solvent: n/a; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

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	100000	<100		Pass
(YM) Total Yeast & Mold	10000	100		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	1000	<100		Pass
(CC) Total Coliforms	1000	<100		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 24

Instrument ID: PCR-2

Date Tested: 06/07/2024

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	0.1	0.2	20.0	ND		Pass
Ochratoxin A	0.1	0.5	20.0	ND		Pass

Entered by: 10

Instrument ID: LCMS-2

Date Tested: 06/07/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-008.

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: 65

Instrument ID: ICPMS-2

Date Tested: 06/07/2024

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



Accreditation #104289

Ryan Picard
Lab Director
06/11/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



Unless otherwise stated, sampling was not performed by Analytics Labs, therefore results relate only to the items tested as they were received by the laboratory, and samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols per SOP-001, at Analytics Labs in Holyoke, MA. All pass limits are as specified in the most recent version of 935 CMR 500 and 935 CMR 501. Unless otherwise stated, in SOPs or otherwise, all quality control samples performed within specification established by the Cannabis Control Commission (CCC) Quality Assurance Plan (QAPP). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality system per Massachusetts state law. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety or other risk 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 consent of Analytics Labs.