Analytics Labs
28C Appleton Street Suite 3
Holyoke, MA 01040

(413) 534-LABS (5227)
https://www.myanalyticslabs.com
Lic# IL281280

Certificate of Analysis

F102-HT:Lilac Diesel x Pineapple Runtz R&D.4

METRC Sample: 1A40A0100001645000015679; METRC Manifest: 0002126524; Metrc Source ID: 1A40A0100001645000015659

Sample ID: 2403ANS0577-5205
Strain: Lilac Diesel x Pineapple Runtz
Plant, Flower - Cured, Finished Plant Material, Plant
Material, , All uses

Produced: 03/03/2024
Completed: 03/25/2024
Expiration: 03/25/2025
Batch ID: F102.LDxPR.030324.4

Client
Happy Valley
Lic. # RMD1185-C
38 Great Republic Drive
Gloucester, MA 01938

Sample Size: 2.039 g
COC #: 2403ANS0577; 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	03/21/2024	Complete
Moisture	03/18/2024	12% - Complete
Terpenes	03/18/2024	Complete
Product Approved		N/A

Moisture Entered By: 59
Instrument ID: MA-2
Moisture analyzed per SOP-004

Cannabinoids

Complete

34.88%	ND	36.46%
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD %	LOQ %	Result %	Result mg/g	Qualifiers
THCa	0.00002	0.00010	39.23	392.284	
Δ9-THC	0.00002	0.00010	0.47	4.736	
Δ8-THC	0.00002	0.00010	ND	ND	
THCVa	0.00002	0.00010	0.38	3.811	
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	0.000010	0.96	9.562	
CBG	0.00002	0.00010	0.41	4.142	
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			39.70	397.019	
Total Active THC			34.88	348.768	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			41.45	414.535	
Total Active Cannabinoids			36.46	364.639	

Entered by: 8; Instrument ID: 2; Date Tested: 03/21/2024;
Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = D9-THC + THCA. Total Active THC = D9-THC + (THCA0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD +(CBDA0.877). Total Active Cannabinoids = THCA0.877+ d9 THC+ d8 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. THCVA, CBNA, CBL, CBCA are not ISO accredited analytes

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2 of 3

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Client

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38 Great Republic Drive
Gloucester, MA 01938

Sample Size: 2.039 g
COC #: 2403ANS0577; 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 mg/g	Qualifiers
β-Caryophyllene		0.00002	0.0001	1.41	14.070	
α-Humulene		0.00002	0.0001	0.45	4.509	
Limonene		0.00002	0.0001	0.36	3.597	
β-Myrcene		0.00001	0.0001	0.24	2.359	
Linalool		0.00002	0.0001	0.14	1.400	
Nerolidol		0.00001	0.0001	0.09	0.900	
β-Pinene		0.00001	0.0001	0.09	0.873	
α-Bisabolol		0.00002	0.0001	0.08	0.760	
α-Pinene		0.00001	0.0001	0.05	0.465	
α-Terpineol		0.00003	0.0001	0.05	0.455	
β-Farnesene		0.00003	0.0001	0.04	0.447	
cis-Farnesol		0.00002	0.0001	0.04	0.417	
Caryophyllene Oxide		0.00002	0.0001	0.02	0.238	
Camphene		0.00001	0.0001	0.01	0.141	
(+)-alpha-Thujone		0.00002	0.0001	ND	ND	
3-Carene		0.00001	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	
Cedrol		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				**3.06**	**30.630**	

Primary Aromas

Cinnamon	Hops	Orange	Lavender	Apple

Entered by: 26
Instrument ID: GC-1
Date Tested: 03/18/2024
LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol. NOT ISO accredited for 33 of 55 terpenes, refer to certificate of accreditation for full list.

Ryan Picard
Ryan Picard
Lab Director
03/25/2024

Accreditation #104289

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Terpenes

Analyte	CAS #	LOD %	LOQ %	Result %	Result mg/g	Qualifiers
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				**3.06**	**30.630**	

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PJLA Testing
Accreditation #104289

Ryan Picard
Lab Director
03/25/2024

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