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

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https://www.myanalyticslabs.com
Lic# IL281280

Certificate of Analysis

TID- Wicked Jam

METRC Sample: 1A40A0100001646000059610; METRC Manifest: 0002033514; Metrc Source ID: 1A40A0100001646000059609

Sample ID: 2401ANS0150-1099
Strain: Wicked Jam
Concentrates & Extracts, Distillate, Cannabis Resin & Concentrates, Cannabis Resin & Concentrates, , All uses
Sample Size: 5 g

Produced: 01/18/2024
Completed: 01/24/2024
Expiration: 01/24/2025
Batch ID: TID 011824 WJ

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

COC #: 2401ANS0150; Number of Servings: ; Growth Material: N/A; Extraction Solvent: CO2 & ETHANOL; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

Summary

Test	Date Tested	Result
Cannabinoids	01/22/2024	Complete
Water Activity		NR - Complete
Terpenes	01/19/2024	Complete
Residual Solvents	01/19/2024	Pass
Microbials	01/19/2024	Pass
Mycotoxins	01/23/2024	Pass
Heavy Metals	01/23/2024	Pass
Product Approved		May be dispensed for all uses

Instrument ID: WA-1
Water Activity analyzed per SOP-019, is non-compliant, and NOT ISO accredited. NT= Not Tested, NR = Not Reported.

Cannabinoids

Complete

80.41%	0.29%	88.51%
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	<0.16556	<0.16556	
Δ9-THC	0.00002	0.00010	80.40841	804.08411	
Δ8-THC	0.00002	0.00010	<0.16556	<0.16556	
THCVa	0.00002	0.00010	<0.16556	<0.16556	
THCV	0.00001	0.00010	0.83802	8.38015	
CBDa	0.00001	0.00010	<0.16556	<0.16556	
CBD	0.00001	0.00010	0.28654	2.86541	
CBDVa	0.00001	0.00010	<0.16556	<0.16556	
CBDV	0.00001	0.00010	<0.16556	<0.16556	
CBNa	0.00004	0.00010	<0.16556	<0.16556	
CBN	0.00002	0.00010	2.61210	26.12098	
CBGa	0.00001	0.00010	<0.16556	<0.16556	
CBG	0.00002	0.00010	3.40642	34.06424	
CBCa	0.00004	0.00010	<0.16556	<0.16556	
CBC	0.00001	0.00010	0.96300	9.63000	
CBL	0.00003	0.00010	<0.16556	<0.16556	
CBT	0.00002	0.00010	<0.16556	<0.16556	
Total Available THC			**80.408411**	**804.084106**	
Total Active THC			**80.408411**	**804.084106**	
Total Available CBD			**0.286541**	**2.865414**	
Total Active CBD			**0.286541**	**2.865414**	
Total Available Cannabinoids			**88.514488**	**885.144884**	
Total Active Cannabinoids			**88.514488**	**885.144884**	

Entered by: 25; Instrument ID: 3; Date Tested: 01/22/2024;
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.

Accreditation #104289

Ryan Picard
Lab Director
01/24/2024

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Terpenes

Analyte	CAS #	LOD	LOQ	Mass	Mass	Qualifiers
		%	%	%	mg/g	
β-Caryophyllene	87-44-5	0.00002	0.0001	1.382169	13.821689	
Limonene	5989-27-5	0.00002	0.0001	1.023907	10.239073	
β-Myrcene	123-35-3	0.00003	0.0001	0.804851	8.048510	
Terpinolene	586-62-9	0.00002	0.0001	0.544255	5.442550	
α-Humulene	6753-98-6	0.00002	0.0001	0.436954	4.369536	
Linalool	78-70-6	0.00002	0.0001	0.338841	3.388411	
β-Pinene	18172-67-3	0.00003	0.0001	0.176308	1.763079	
α-Pinene	80-56-8	0.00003	0.0001	0.102732	1.027318	
α-Terpineol	98-55-5	0.00005	0.0001	0.095894	0.958940	
Ocimene 2	13877-91-3	0.00005	0.0001	0.043593	0.435927	
Camphene	79-92-5	0.00003	0.0001	0.021308	0.213079	
α-Bisabolol	23089-26-1	0.00002	0.0001	0.021010	0.210099	
Caryophyllene Oxide	1139-30-6	0.00003	0.0001	0.019834	0.198344	
3-Carene	13466-78-9	0.00003	0.0001	<0.016556	<0.016556	
α-Terpinene	99-86-5	0.00003	0.0001	<0.016556	<0.016556	
Nerolidol 1	7212-44-4	0.00002	0.0000	<0.007119	<0.007119	
Ocimene 1	13877-91-3	0.00003	0.0000	<0.005132	<0.005132	
Phytol 1	7541-49-3	0.00003	0.0001	<0.008278	<0.008278	
Eucalyptol	470-82-6	0.00002	0.0001	<0.016556	<0.016556	
γ-Terpinene	99-85-4	0.00002	0.0001	<0.016556	<0.016556	
Geraniol	106-24-1	0.00002	0.0001	<0.016556	<0.016556	
Guaiol	489-86-1	0.00002	0.0001	<0.016556	<0.016556	
Isopulegol	89-79-2	0.00002	0.0001	<0.016556	<0.016556	
Menthol	89-78-1	0.00007	0.0001	<0.016556	<0.016556	
p-Cymene	99-87-6	0.00002	0.0001	<0.016556	<0.016556	
Nerolidol 2	7212-44-4	0.00003	0.0001	<0.009437	<0.009437	
Phytol 2	7541-49-3	0.00002	0.0001	<0.008278	<0.008278	
Valencene	4630-07-3	0.00002	0.0001	<0.016556	<0.016556	
Total				**5.0117**	**50.1166**	

Primary Aromas

Cinnamon | Orange | Hops | Turpentine | Lavender

Entered by: 42
Instrument ID: GC-3 Front
Date Tested: 01/19/2024
LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Isomer CAS#'s: Cis-Ocimene: 13877-91-3, Trans-Ocimene: 13877-91-3, Cis-Nerolidol: 7212-44-4, Trans-Nerolidol: 7212-44-4.

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Microbials

Pass

Analyte	Limit	Units	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	<20		Pass
(YM) Total Yeast & Mold	1000	<20		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	100	<20		Pass
(CC) Total Coliforms	100	<20		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 60
Instrument ID: PCR-2
Date Tested: 01/19/2024
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-007. 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	Units	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Total Aflatoxins	1.0	1.0	20.0	<5.0		Pass
Ochratoxin A	2.0	2.0	20.0	<5.0		Pass

Entered by: 60
Instrument ID: 0
Date Tested: 01/19/2024
LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Units	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.177	0.500	200.000	<136.314		Pass
Cadmium	0.139	0.500	200.000	<136.314		Pass
Lead	0.046	0.500	500.000	<136.314		Pass
Mercury	0.031	0.200	100.000	<54.526		Pass

Entered by: 11
Instrument ID: ICPMS-2
Date Tested: 01/19/2024
LOD = Limit of Detection. LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005

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Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifiers
	PPM	PPM	PPM		
Ethanol	50.000	5000.000	<1086.957	Pass	

Entered by: 26
Instrument ID: GC-2
Date Tested: 01/19/2024
LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011

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