

M00003015102: Orange Runtz - Buds Untrimmed

METRC Sample: 1A40A03000021FD000002421; METRC Manifest: 0002014273; Metrc Source ID: 1A40A03000021FD000002795

Sample ID: 2401ANS0049-0349

Produced: 11/26/2023

Client

Strain: Orange Runtz

Completed: 01/12/2024

The Pass

Plant, Flower - Cured, Finished Plant Material, Plant Expiration: 01/12/2025
Material, Sativa Dominant, All uses Batch ID: ORANGE-F4-11262023

Lic. # MC281317
1375 N. Main Street
Sheffield, MA 01257

Sample Size: 10.398 g

COC #: 2401ANS0049; Number of Servings: ; Growth Material: ProMix; Extraction Solvent: N/A; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Cannabinoids	01/10/2024	Complete
Moisture	01/09/2024	12% - Complete
Water Activity		NR - Complete
Terpenes	01/08/2024	Complete
Microbials	01/08/2024	Pass
Mycotoxins	01/09/2024	Pass
Pesticides	01/09/2024	Pass
Heavy Metals	01/10/2024	Pass
Product Approved		May be dispensed for all uses

Moisture Entered By: 33

Instrument ID: MA-3

Moisture analyzed per SOP-004

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

21.89%	ND	22.41%
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	23.49710	234.97102	
Δ9-THC	0.00002	0.00010	1.28596	12.85962	
Δ8-THC	0.00002	0.00010	<0.19203	<0.19203	
THCVa	0.00002	0.00010	<0.19203	<0.19203	
THCV	0.00001	0.00010	<0.19203	<0.19203	
CBDa	0.00001	0.00010	<0.19203	<0.19203	
CBD	0.00001	0.00010	<0.19203	<0.19203	
CBDVa	0.00001	0.00010	<0.19203	<0.19203	
CBDV	0.00001	0.00010	<0.19203	<0.19203	
CBNa	0.00004	0.00010	<0.19203	<0.19203	
CBN	0.00002	0.00010	<0.19203	<0.19203	
CBGa	0.00001	0.00010	0.59305	5.93046	
CBG	0.00002	0.00010	<0.19203	<0.19203	
CBCa	0.00004	0.00010	<0.19203	<0.19203	
CBC	0.00001	0.00010	<0.19203	<0.19203	
CBL	0.00003	0.00010	<0.19203	<0.19203	
CBT	0.00002	0.00010	<0.19203	<0.19203	
Total Available THC			24.783064	247.830645	
Total Active THC			21.892921	218.929209	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			25.376111	253.761109	
Total Active Cannabinoids			22.413023	224.130226	

Entered by: 8; Instrument ID: 4; Date Tested: 01/10/2024;

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 + (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
01/12/2024

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Terpenes

Analyte	CAS #	LOD	LOQ	Mass	Mass	Qualifiers
		%	%	%	mg/g	
Terpinolene	586-62-9	0.00002	0.0001	0.449945	4.499451	
β-Myrcene	123-35-3	0.00003	0.0001	0.158952	1.589523	
Limonene	5989-27-5	0.00002	0.0001	0.085399	0.853992	
Linalool	78-70-6	0.00002	0.0001	0.079941	0.799409	
α-Terpineol	98-55-5	0.00005	0.0001	0.078234	0.782341	
β-Pinene	18172-67-3	0.00003	0.0001	0.065467	0.654668	
β-Caryophyllene	87-44-5	0.00002	0.0001	0.061994	0.619941	
α-Pinene	80-56-8	0.00003	0.0001	0.033004	0.330038	
α-Humulene	6753-98-6	0.00002	0.0001	0.022594	0.225940	
3-Carene	13466-78-9	0.00003	0.0001	0.016265	0.162653	
Nerolidol 2	7212-44-4	0.00003	0.0001	0.013080	0.130798	
α-Terpinene	99-86-5	0.00003	0.0001	0.011973	0.119730	
α-Bisabolol	23089-26-1	0.00002	0.0001	<0.008450	<0.008450	
Camphene	79-92-5	0.00003	0.0001	<0.008450	<0.008450	
Caryophyllene Oxide	1139-30-6	0.00003	0.0001	<0.008450	<0.008450	
Nerolidol 1	7212-44-4	0.00002	0.0000	<0.003633	<0.003633	
Ocimene 1	13877-91-3	0.00003	0.0000	<0.002619	<0.002619	
Phytol 1	7541-49-3	0.00003	0.0001	<0.004225	<0.004225	
Eucalyptol	470-82-6	0.00002	0.0001	<0.008450	<0.008450	
γ-Terpinene	99-85-4	0.00002	0.0001	<0.008450	<0.008450	
Geraniol	106-24-1	0.00002	0.0001	<0.008450	<0.008450	
Guaiol	489-86-1	0.00002	0.0001	<0.008450	<0.008450	
Isopulegol	89-79-2	0.00002	0.0001	<0.008450	<0.008450	
Menthol	89-78-1	0.00007	0.0001	<0.008450	<0.008450	
p-Cymene	99-87-6	0.00002	0.0001	<0.008450	<0.008450	
Ocimene 2	13877-91-3	0.00005	0.0001	<0.005830	<0.005830	
Phytol 2	7541-49-3	0.00002	0.0001	<0.004225	<0.004225	
Valencene	4630-07-3	0.00002	0.0001	<0.008450	<0.008450	
Total				1.0768	10.7685	

Primary Aromas

 Turpentine	 Hops	 Orange	 Lavender	 Pine
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Entered by: 42

Instrument ID: GC-3 Front

Date Tested: 01/08/2024

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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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Qualifiers	Status
	PPB	PPB	PPB	PPB		
Bifenazate	0.1400	0.2500	10.0000	<5.48		Pass
Bifenthrin	0.0040	0.0250	10.0000	<4.94		Pass
Cyfluthrin	0.0050	0.0250	10.0000	<4.94		Pass
Etoazole	0.1630	0.2500	10.0000	<5.48		Pass
Imazalil	0.1730	0.2500	10.0000	<5.48		Pass
Imidacloprid	0.0840	0.2500	10.0000	<5.48		Pass
Myclobutanil	0.1450	0.2500	10.0000	<5.48		Pass
Spiromesifen	0.1600	0.2500	10.0000	<5.48		Pass
Trifloxystrobin	0.1330	0.2500	10.0000	<5.48		Pass

Entered by: 10

Instrument ID 1: LCMS-2

Instrument ID 2: GCMS-4

Date Tested (LC): 01/09/2024

Date Tested (GC): 01/09/2024

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



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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	100000	<200		Pass
(YM) Total Yeast & Mold	10000	<2500		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	1000	<20		Pass
(CC) Total Coliforms	1000	<20		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 64

Instrument ID: PCR-2

Date Tested: 01/08/2024

qPCR analysis of Total Yeast and Mold analyzed by SOP-015. Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms are analyzed by SOP-006. Shiga Toxin[1]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	5.7		Pass

Entered by: 60

Instrument ID: ER-2

Date Tested: 01/08/2024

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	<127.162		Pass
Cadmium	0.139	0.500	200.000	<127.162		Pass
Lead	0.046	0.500	500.000	<127.162		Pass
Mercury	0.031	0.200	100.000	<50.865		Pass

Entered by: 11

Instrument ID: ICPMS-1

Date Tested: 01/08/2024

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



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