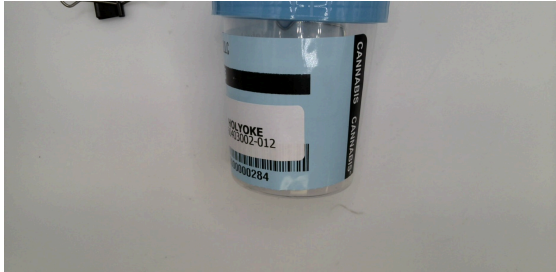




Certificate of Analysis

Pages 1 of 4

PASSED



Batch #: AR1391 (277)
Production Method: Ice/Water
Servings: 1
Metrc Package #:
1A40A03000129A9000000284
Metrc Source Package # :
1A40A03000129A9000000277

Lab ID: NA60403002-012
Ordered: 04/03/26
Sample Date: 04/03/26
Sample Size: 6.5 gram
Completed: 04/10/26
Manifest #: 0003233838

HOLYOKE WILDS LLC

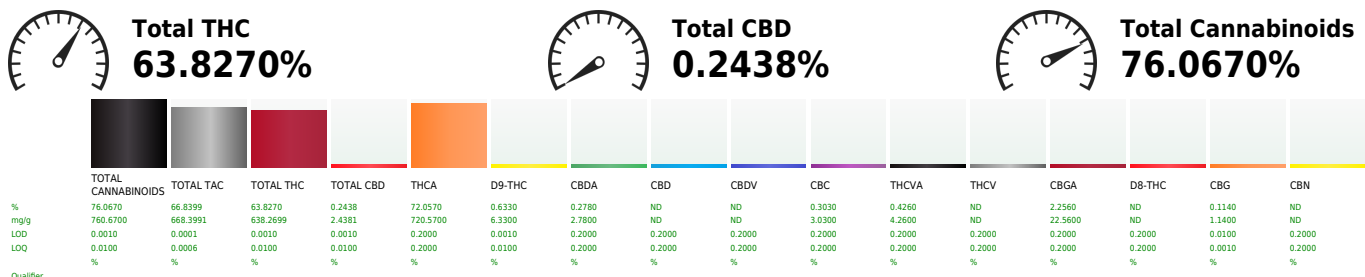
20 Hadley Mill Rd
Holyoke, MA, 01040, US
License # : MP282115

SAFETY RESULTS

MISC.

									
Pesticide NOT TESTED	Heavy Metals PASSED	Microbial PASSED	Mycotoxins PASSED	Solvents NOT TESTED	Filtration/Foreign Material NOT TESTED	Water Activity NOT TESTED	Moisture Content NOT TESTED	Vitamin E NOT TESTED	Terpenes TESTED

Cannabinoid **PASSED**



Analyzed by: 1280, 305, 157, 1545 **Weight:** 0.1007g **Extraction date:** 04/05/26 17:04:54 **Extracted by:** 1425,1280

Analysis Method : SOP.T.30.031, SOP.T.40.031

Analytical Batch : NA026805POT

Instrument Used : NA-HPLC-003 (Potency - High Conc. Derivatives)

Analyzed Date : 04/09/26 11:13:26

Batch Date : 04/03/26 10:16:27

Dilution : 400

Reagent : 100724.03; 070224.01; 032326.11; 032326.16; 030626.02; 010526.R03; 010526.R04; 033126.R04; 040426.R02; 032626.R03

Consumables : 010924CK01; 9479291.023; 072425CH02; 04504082; 1008646012; 1008855823; 250406E; 220215E-15; GD250005; 346019307; 23-47

Pipette : NA-221 (P-10); NA-135 (P-200); NA-329 (Step)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.031 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis. LOQ for all cannabinoids is 0.5 mg/L). Total THC = d9THC + (THCA*0.877). Total CBD = CBD + (CBDA*0.877). Total Cannabinoids = Total of all available cannabinoids. THCVA is pending ISO accreditation.

Terpenes **TESTED**

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
TOTAL TERPENES	0.020	0.020		TESTED	10.566	105.660	
ALPHA-HUMULENE	0.020	0.020		TESTED	2.050	20.500	
LIMONENE	0.020	0.020		TESTED	1.511	15.110	
ALPHA-BISABOLOL	0.020	0.020		TESTED	0.448	4.480	
TRANS-NEROLIDOL	0.020	0.020		TESTED	0.412	4.120	

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Margaret Teasdale
Lab Director

State License #
IL281349
ISO 17025
Accreditation # 97164

Signature
04/10/26
Laboratory License #:
IL281349



Certificate of Analysis

Pages 2 of 4

HOLYOKE WILDS LLC

20 Hadley Mill Rd
Holyoke, MA, 01040, US
License #: MP282115

Sample: NA60403002-012

Batch #: AR1391 (277)
Seed to sale: 1A40A03000129A9000000284

Ordered: 04/03/26
Sampled: 04/03/26
Completed: 04/10/26

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
BETA-MYRCENE	0.020	0.020		TESTED	0.367	3.670	
BETA-PINENE	0.020	0.020		TESTED	0.215	2.150	
ALPHA-PINENE	0.020	0.020		TESTED	0.136	1.360	
FENCHYL ALCOHOL	0.020	0.020		TESTED	0.115	1.150	
ALPHA-TERPINEOL	0.020	0.020		TESTED	0.099	0.990	
VALENCENE	0.020	0.020		TESTED	0.060	0.600	
CARYOPHYLLENE OXIDE	0.020	0.020		TESTED	0.046	0.460	
FARNESENE	0.020	0.020		TESTED	0.045	0.450	
CAMPHERE	0.020	0.020		TESTED	0.040	0.400	
TERPINOLENE	0.020	0.020		TESTED	0.022	0.220	
3-CARENE	0.020	0.020		TESTED	ND	ND	
BORNEOL	0.020	0.020		TESTED	ND	ND	
CAMPHOR	0.020	0.020		TESTED	ND	ND	
CEDROL	0.002	0.020		TESTED	ND	ND	
EUCALYPTOL	0.020	0.020		TESTED	ND	ND	
FENCHONE	0.020	0.020		TESTED	ND	ND	
GERANIOL	0.020	0.020		TESTED	ND	ND	
GERANYL ACETATE	0.020	0.020		TESTED	ND	ND	
GUAIOL	0.020	0.020		TESTED	ND	ND	
HEXAHYDROTHYMOL	0.020	0.020		TESTED	ND	ND	
ISOBORNEOL	0.020	0.020		TESTED	ND	ND	
ISOPULEGOL	0.020	0.020		TESTED	ND	ND	
LINALOOL	0.020	0.020		TESTED	ND	ND	
NEROL	0.020	0.020		TESTED	ND	ND	
OCIMENE	0.020	0.020		TESTED	ND	ND	
PULEGONE	0.020	0.020		TESTED	ND	ND	
SABINENE	0.020	0.020		TESTED	ND	ND	
SABINENE HYDRATE	0.020	0.020		TESTED	ND	ND	
ALPHA-CEDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-TERPINENE	0.020	0.020		TESTED	ND	ND	
CIS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	
GAMMA-TERPINENE	0.020	0.020		TESTED	ND	ND	
P-CYMENE	0.020	0.020		TESTED	ND	ND	
BETA-CARYOPHYLLENE	0.020	0.020		TESTED	>5.000	<0.200	

Analyzed by:
990, 157, 1545

Weight:
0.5298g

Extraction date:
04/05/26 17:33:26

Extracted by:
990

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA

Analytical Batch : NA026793TER

Instrument Used : NA-GCMS-004 (Terpenes)

Analyzed Date : 04/09/26 10:57:53

Batch Date : 04/03/26 08:46:53

Dilution : 10

Reagent : N/A

Consumables : N/A

Pipette : N/A

Terpenoid profile screening is performed using Terpene sample preparation SOP.T.30.064.MA and analyzed using a GC-MS using Method SOP.T.40.064.MA which can screen for 39 terpenes.

*p-cymene is not an accredited analyte.



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL COLIFORMS	cfu/g	10	10	100	PASS	ND	
TOTAL VIABLE AEROBIC BACTERIA	cfu/g	10	10	10000	PASS	ND	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	100	PASS	ND	

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Margaret Teasdale

Lab Director

State License #
IL281349
ISO 17025
Accreditation # 97164



Signature
04/10/26
Laboratory License #:
IL281349



16 Tech Circle, Suite 201
Natick, MA, 01760, US
(401) 219-1491

Kaycha Labs

M00004473535: Artificial Red - Live Rosin
Matrix: Cannabis Resin and Concentrates
Classification: Non-Solvent Concentrate
Type: Live Rosin



Certificate of Analysis

Pages 3 of 4

HOLYOKE WILDS LLC

20 Hadley Mill Rd
Holyoke, MA, 01040, US
License #: MP282115

Sample: NA60403002-012

Batch #: AR1391 (277)
Seed to sale: 1A40A03000129A9000000284

Ordered: 04/03/26
Sampled: 04/03/26
Completed: 04/10/26

PASSED



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL YEAST AND MOLD	cfu/g	100	100	1000	PASS	<100	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					PASS	Not Present	

Analyzed by: 711, 157, 1545	Weight: 0.8807g	Extraction date: 04/04/26 10:04:42	Extracted by: 388,572
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Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA

Analytical Batch : NA026822MIC

Instrument Used : NA-PCR-001 (Microbial)

Batch Date : 04/03/26 17:49:01

Analyzed Date : 04/09/26 11:45:27

Dilution : 90

Reagent : 032326.R01; 032626.R04; 051724.05; 010526.04; 030526.23

Consumables : 418325156D; 8847202-2441; 2401051; 08/09/22; PG1727; 601537; 01426011; P7623038; 072425CH02; 021506; 377508; 2560608; 15162252609; X002BSD18D; MKDB5713; 540563; 25474; 25/06/27; 0002525; 0002680; 7587004105; 7587004107; WO4586; WO4454; WO5050; 0002284; 0002044; 0002176; 0001425; 0002057; WO5062; 7811002049; 0002302; 0001989; WO5024; WO4768; 0002094; 0002093; 0000652134; 0000652115; 0000630117; 1010667926; 1010792277; 211129-1125; 1010818394

Pipette : NA-001 (P-20, micro); NA-008 (P-10, micro); NA-011 (P-1000, Micro); NA-007 (P-200, micro); NA-003 (P-10 multi, micro); NA-006 (P-200, micro); NA-010 (P-1000, micro); NA-005 (P-200, micro); NA-002 (P-100 multi, micro); NA-164 (P-10, micro); NA-200 (P-300 multi, micro); NA-208 (P-200, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-318 (P-1000, micro); NA-331 (p-100 multi-channel, micro); NA-332 micro bottle top dispenser; NA-333 micro bottle top dispenser

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.056C.MA) If a pathogenic Escherichia Coli or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AFLATOXIN B1	ppb	2.010	5.000	20	PASS	ND	
AFLATOXIN B2	ppb	1.955	5.000	20	PASS	ND	
AFLATOXIN G1	ppb	1.823	5.000	20	PASS	ND	
AFLATOXIN G2	ppb	2.100	5.000	20	PASS	ND	
OCHRATOXIN A	ppb	2.194	5.000	20	PASS	ND	
TOTAL AFLATOXINS	ppb	1.820	5.000	20	PASS	ND	

Analyzed by: 139, 157, 1545	Weight: 0.5092g	Extraction date: 04/07/26 18:17:49	Extracted by: 139,1241
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Analysis Method : SOP.T.40.104.MA

Analytical Batch : NA026834MYC

Instrument Used : NA-LCMS-001 (MYC)

Batch Date : 04/04/26 12:07:22

Analyzed Date : 04/10/26 10:44:23

Dilution : 12.5

Reagent : 040526.R01; 030725.01; 031226.R13; 040226.R10; 040326.R14; 040226.R09; 021826.R01; 041223.11

Consumables : 9291.043; 3.4.616000183; 3.4.616000186; 250821-634-A; USEEN02615; USEEZ04484; 1009318699; 1008855823; 1009318600; GD250005

Pipette : NA-015 (P-10); NA-203 (P-200); NA-026 (Dispenser); NA-310 (P-1000)

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T40.104.MA Pesticides and Mycotoxins Analysis via LC-MS/MS. LOQ 20 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20 µg/Kg. Ochratoxins must be <20 µg/Kg.



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	ppb	6.720	10.000	200	PASS	ND	
CADMIUM	ppb	9.260	10.000	200	PASS	ND	
MERCURY	ppb	3.400	5.000	100	PASS	ND	
LEAD	ppb	8.850	10.000	500	PASS	ND	

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Margaret Teasdale

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Signature

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Natick, MA, 01760, US
(401) 219-1491

Kaycha Labs

M00004473535: Artificial Red - Live Rosin
Matrix: Cannabis Resin and Concentrates
Classification: Non-Solvent Concentrate
Type: Live Rosin



Certificate of Analysis

Pages 4 of 4

HOLYOKE WILDS LLC

20 Hadley Mill Rd
Holyoke, MA, 01040, US
License # : MP282115

Sample: NA60403002-012

Batch #: AR1391 (277)
Seed to sale: 1A40A03000129A9000000284

Ordered: 04/03/26
Sampled: 04/03/26
Completed: 04/10/26

PASSED



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 1391, 157, 1545	Weight: 0.4777g	Extraction date: 04/06/26 13:08:40				Extracted by: 1391	
Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA Analytical Batch : NA026869HEA Instrument Used : NA-ICPMS-001,NA-ICPMS-002,Anton-Paar Microwave Go NA-237,Anton-Paar Microwave Go NA-145 Analyzed Date : 04/09/26 10:39:45 Dilution : 50 Reagent : 062824.02; 062824.03; 020826.01; 032926.R06; 022426.09; 070224.01; 030725.01; 022726.05; 032726.01 Consumables : L205125M; 13242; 329119208; 1008855823; GD250005 Pipette : NA-012 (P-200); NA-214 Bottle Top Dispenser (nitric acid); NA-125 (5mL); NA-255 (10mL Dispensette, HCL) Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.084.MA Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.084.MA Heavy Metals Analysis via ICP-MS.							
Batch Date : 04/06/26 09:45:57							

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04/10/26
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