



Certificate of Analysis

PASSED



Batch #: FL-SOAP-B-24656
Production Method: Cured
Servings: 1
Metric Package #:
1A40A0300006785000035071
Metric Source Package # :
1A40A0300006785000024656










Lab ID: NA60306003-008
Ordered: 03/06/26
Sampled Date: 03/06/26
Sample Size: 8 gram
Completed: 03/15/26
Manifest #: 0003202374

Mayflower - Massachusetts

1100 Innovation Way
Fall River, MA, 02720, US
mayflowermedicinals.com
License # : MC282690

SAFETY RESULTS

MISC.

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

PASSED



Total THC
31.2695%



Total CBD
ND



Total Cannabinoids
36.7030%

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBG	CBN
%	36.7030	32.2412	31.2695	ND	35.1670	0.4280	ND	ND	ND	ND	0.2400	ND	0.8680	ND	ND	ND
mg/g	367.0300	322.4117	312.6946	ND	351.6700	4.2800	ND	ND	ND	ND	2.4000	ND	8.6800	ND	ND	ND
LOD	0.1000	0.0001	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
LOQ	0.1000	0.0006	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
1280, 305, 990

Weight:
0.1982g

Extraction date:
03/12/26 12:41:45

Extracted by:
1280, 1425

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

Analytical Batch : NA026070POT

Instrument Used : NA-HPLC-004 (Potency - Flower)

Analyzed Date : 03/15/26 20:41:51

Batch Date : 03/08/26 14:41:04

Dilution : 400

Reagent : 100724.03; 022526.22; 030725.01; 121925.08; 110325.R03; 110325.R04; 031126.R02; 030926.R01; 021126.R01

Consumables : 010924CK01; 9479291.114; 110125CH01; 04507064; 1008646012; 1008855823; 250406E; 220215E-15; GD250004; 2511221; 339114210

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	TESTED	1.249	12.490	
LIMONENE	0.020	0.020	TESTED	TESTED	0.470	4.700	
LINALOOL	0.020	0.020	TESTED	TESTED	0.213	2.130	
BETA-MYRCENE	0.020	0.020	TESTED	TESTED	0.189	1.890	

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Margaret Teasdale

Lab Director

State License #
IL281349
ISO 17025
Accreditation # 97164



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Seed to sale: 1A40A0300006785000035071

Ordered: 03/06/26
Sampled: 03/06/26
Completed: 03/15/26

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
BETA-CARYOPHYLLENE	0.020	0.020		TESTED	0.095	0.950	
BETA-PINENE	0.020	0.020		TESTED	0.071	0.710	
ALPHA-PINENE	0.020	0.020		TESTED	0.042	0.420	
FENCHYL ALCOHOL	0.020	0.020		TESTED	0.041	0.410	
ALPHA-TERPINEOL	0.020	0.020		TESTED	0.039	0.390	
ALPHA-BISABOLOL	0.020	0.020		TESTED	0.037	0.370	
ALPHA-HUMULENE	0.020	0.020		TESTED	0.030	0.300	
FARNESENE	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	
CAMPHENE	0.020	0.020		TESTED	ND	ND	
CAMPHOR	0.020	0.020		TESTED	ND	ND	
CARYOPHYLLENE OXIDE	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	
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	
TERPINOLENE	0.020	0.020		TESTED	ND	ND	
VALENCENE	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	
TRANS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	

Analyzed by: 623, 990 **Weight:** 0.5076g **Extraction date:** 03/11/26 16:28:55 **Extracted by:** 990,572

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA
Analytical Batch : NA026032TER
Instrument Used : NA-GCMS-004 (Terpenes) **Batch Date :** 03/07/26 08:26:57
Analyzed Date : 03/15/26 20:38:23

Dilution : 10
Reagent : 011326.25; 030725.01; 010626.05; 030426.R20
Consumables : 010924CK01; 9291.043; 9479291.114; 250821-634-A; 04504082; IP250.077; 211129-1125; 1008897313; GD250004; 339114210
Pipette : NA-014 (P-200); NA-021 (P-20); NA-280 (Dispenser); NA-137 (P-1000)

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.



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BIFENTHRIN	ppb	2.240	10.000	10	PASS	ND	

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Ordered: 03/06/26
Sampled: 03/06/26
Completed: 03/15/26

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BIFENAZATE	ppb	2.460	10.000	10	PASS	ND	
ETOXAZOLE	ppb	1.790	10.000	10	PASS	ND	
IMAZALIL	ppb	3.050	10.000	10	PASS	ND	
IMIDACLOPRID	ppb	1.860	10.000	10	PASS	ND	
MYCLOBUTANIL	ppb	2.900	10.000	10	PASS	ND	
SPIROMESIFEN	ppb	2.970	10.000	10	PASS	ND	
TRIFLOXYSTROBIN	ppb	1.560	10.000	10	PASS	ND	
CYFLUTHRIN	ppb	3.750	10.000	10	PASS	ND	

Analyzed by: 139, 735, 990 **Weight:** 0.4422g **Extraction date:** 03/11/26 12:41:10 **Extracted by:** 795,1241

Analysis Method : SOP.T.40.104.MA

Analytical Batch : NA026054PES

Instrument Used : NA-LCMS-003 (Pesticides)

Batch Date : 03/08/26 10:10:19

Analyzed Date : 03/15/26 17:50:42

Dilution : 12.5

Reagent : 030826.R01; 030725.01; 012926.R16; 030426.R02; 041223.11; 030926.R14; 030126.R07; 030126.R06; 030126.R05; 021626.R01

Consumables : 1008897309; M000250508054; 9291.043; 9479291.114; P7623038; 1010204253; 1008855823; GD250004; USEEN02615; USEEZ04491

Pipette : NA-202 (P-200); NA-026 (Dispenser); NA-285 (P-20); NA-307 (P-1000)

Pesticide screen is performed using LC-MS and GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 9 Pesticides. (Method: SOP.T.40.104.MA - Pesticides and Mycotoxins Analysis via LC-MSMS and SOP.T40.154.MA - Volatile Pesticide Analysis via GC-MSMS).

Analyzed by: 990 **Weight:** 0.4422g **Extraction date:** 03/11/26 12:41:10 **Extracted by:** 795,1241

Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA

Analytical Batch : NA026125VOL

Instrument Used : NA-GCMS-001 (Volatile Pesticides)

Batch Date : 03/11/26 13:46:10

Analyzed Date : 03/15/26 17:49:16


Dilution : 12.5

Reagent : 030826.R01; 030725.01; 012926.R16; 030426.R02; 041223.11; 030926.R14

Consumables : 1008897309; M000250508054; 9291.043; 9479291.114; P7623038; 1010204253; 1008855823; GD250004

Pipette : NA-202 (P-200); NA-026 (Dispenser); NA-285 (P-20); NA-307 (P-1000)

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL COLIFORMS	cfu/g	10	10	1000	PASS	ND	
TOTAL VIABLE AEROBIC BACTERIA	cfu/g	10	10	100001	PASS	ND	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	1000	PASS	ND	
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	110	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					PASS	Not Present	

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Sample: NA60306003-008
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Completed: 03/15/26

PASSED



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 388, 990 Weight: 1.0533g Extraction date: 03/07/26 14:38:05 Extracted by: 388,990 Analysis Method: SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA Analytical Batch: NA026025MIC Instrument Used: NA-PCR-001 (Microbial) Analyzed Date: 03/13/26 19:54:07 Batch Date: 03/06/26 18:39:54 Dilution: 900 Reagent: N/A Consumables: 418325174D; 8847202-2441; 08/09/22; BEL-13166-0001; 01426011; 250821-634-A; 110125CH01; 021506; 377508; 2560608; 29219028; X002BSDLD8D; 3110; 540563; 25494; 0001297; 0002555; 7589001003; WO4586; WO4454; WO4959; 0002056; 0002044; 0002176; 0001425; 0002057; WO4956; WO4316; WO3882; WO4135; 7810003082; 0002302; 0001989; WO5024; WO4768; 0002094; 0002093; 0000652134; 0000652115; 0000630117; 1010667926; 1010204253; 1010792277; 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-004 (P-100 multi); 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-208A (P-1000); 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)							

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	1.960	5.000	20	PASS	ND	
AFLATOXIN G1	ppb	1.820	5.000	20	PASS	ND	
AFLATOXIN G2	ppb	2.100	5.000	20	PASS	ND	
OCHRATOXIN A	ppb	2.190	5.000	20	PASS	ND	
TOTAL AFLATOXINS	ppb	1.820	5.000	20	PASS	ND	
Analyzed by: 139, 735, 990 Weight: 0.4422g Extraction date: 03/11/26 12:41:10 Extracted by: 795,1241 Analysis Method: SOP.T.40.104.MA Analytical Batch: NA026124MYC Instrument Used: NA-LCMS-003 (MYC) Analyzed Date: 03/15/26 17:51:48 Batch Date: 03/11/26 13:45:31 Dilution: 12.5 Reagent: 030826.R01; 030725.01; 012926.R16; 030426.R02; 041223.11; 030926.R14; 030126.R07; 030126.R06; 030126.R05; 021626.R01 Consumables: 1008897309; M000250508054; 9291.043; 9479291.114; P7623038; 1010204253; 1008855823; GD250004; USEEN02615; USEEZ04491 Pipette: NA-202 (P-200); NA-026 (Dispenser); NA-285 (P-20); NA-307 (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.



Moisture Content

TESTED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
MOISTURE CONTENT	%	0.10	1.00		TESTED	9.24	

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

Kaycha Labs

M000004175609: SOUR APRICOT-FLOWER BATCH
Strain: Sour Apricot
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



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Pages 5 of 5

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Moisture Content

TESTED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 1391, 990 Weight: 0.503g Extraction date: 03/12/26 14:41:41 Extracted by: 1391 Analysis Method: SOP.T.40.021.MA Analytical Batch: NA026016MOI Instrument Used: NA-038 Moisture Analyzer, NA-199 Moisture Analyzer, NA-236 Moisture Analyzer Batch Date: 03/06/26 17:57:52 Analyzed Date: 03/15/26 20:40:31 Dilution: N/A Reagent: 030725.01; 040325.01 Consumables: 3143008424095D00; 1008855823; GD250004 Pipette: NA-013 (P-200)							



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	ppb	6.720	10.000	200	PASS	<10.000	
CADMIUM	ppb	9.260	10.000	200	PASS	<10.000	
MERCURY	ppb	3.400	5.000	100	PASS	ND	
LEAD	ppb	8.850	10.000	500	PASS	ND	
Analyzed by: 1391, 990 Weight: 0.3199g Extraction date: 03/10/26 10:49:19 Extracted by: 990,1473 Analysis Method: SOP.T.30.084.MA, SOP.T.40.084.MA Analytical Batch: NA026043HEA Instrument Used: NA-ICPMS-001, NA-ICPMS-002, NA-340 Multiwave 7301 Digester Batch Date: 03/07/26 13:11:53 Analyzed Date: 03/13/26 17:02:00 Dilution: 50 Reagent: 062824.02; 062824.03; 020826.01; 012926.R06; 020926.R08; 061025.10; 070224.01; 030725.01; 022726.01; 040325.01 Consumables: L205125M; 13212; 110125CH01; 1008855823; GD250004; 179436 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.

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