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

Kaycha Labs

M00004318377: BL- Mass Hole Vape Bulk
Matrix: Cannabis Resin and Concentrates
Classification: Inhalable Concentrate
Type: Vape Cartridge

Certificate of Analysis

PASSED

Batch #: BL-MASH022626
Production Method: Other - Not Listed
Servings: 1
Metrc Package #:
1A40A030000E809000013789
Metrc Source Package # :
1A40A030000E809000013802

Lab ID: NA60302004-001
Ordered: 03/02/26
Sampled Date: 03/02/26
Sample Size: 8 gram
Completed: 03/07/26
Manifest #: 0003196063

Mayflower - Massachusetts
1100 Innovation Way
Fall River, MA, 02720, US
mayflowermedicinals.com
License # : MP281858

SAFETY RESULTS **MISC.**

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

Cannabinoid — PASSED

Total THC
86.1650%

Total CBD
ND

Total Cannabinoids
90.0400%

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBG	CBN
%	90.0400	90.0079	86.1650	ND	ND	86.1650	ND	ND	ND	0.8890	0.2610	0.3830	ND	ND	1.8660	0.4760
mg/g	900.4000	900.0790	861.6500	ND	ND	861.6500	ND	ND	ND	8.8900	2.6100	3.8300	ND	ND	18.6600	4.7600
LOD	0.0010	0.0001	0.0010	0.0010	0.2000	0.0010	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.0100	0.2000
LOQ	0.0100	0.0006	0.0100	0.0100	0.2000	0.0100	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.0010	0.2000
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Qualifier																

Analyzed by:
1280, 305, 990, 1172

Weight:
0.1g

Extraction date:
03/05/26 11:26:31

Extracted by:
735,1425

Analysis Method : SOP.T.30.031, SOP.T.40.031
Analytical Batch : NA025927POT
Instrument Used : NA-HPLC-003 (Potency - High Conc. Derivatives)
Batch Date : 03/03/26 09:16:30
Analyzed Date : 03/06/26 09:37:12

Dilution : 400
Reagent : 100724.03; 070224.01; 022426.01; 022426.02; 121925.08; 010526.R03; 010526.R04; 022726.R01; 030426.R22; 021126.R01
Consumables : 010924CK01; 9291.043; 9479291.114; 110125CH01; 04504082; 1008646012; 1008855823; 250406E; 220215E-15; GD250004; 339114210; 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	6.398	63.980	
TERPINOLENE	0.020	0.020		TESTED	2.413	24.130	
BETA-CARYOPHYLLENE	0.020	0.020		TESTED	1.098	10.980	
BETA-MYRCENE	0.020	0.020		TESTED	0.721	7.210	

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Margaret Teasdale
Lab Director

State License # IL281349
ISO 17025
Accreditation # 97164

Signature
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Laboratory License #: IL281349

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License # : MP281858

Sample: NA60302004-001
Batch #: BL-MASH022626
Seed to sale: 1A40A030000E809000013789

Ordered: 03/02/26
Sampled: 03/02/26
Completed: 03/07/26

PASSED

Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
BETA-PINENE	0.020	0.020		TESTED	0.607	6.070	
ALPHA-BISABOLOL	0.020	0.020		TESTED	0.268	2.680	
ALPHA-PINENE	0.020	0.020		TESTED	0.241	2.410	
LIMONENE	0.020	0.020		TESTED	0.166	1.660	
NEROL	0.020	0.020		TESTED	0.122	1.220	
ALPHA-PHELLANDRENE	0.020	0.020		TESTED	0.111	1.110	
LINALOOL	0.020	0.020		TESTED	0.108	1.080	
3-CARENE	0.020	0.020		TESTED	0.081	0.810	
ALPHA-TERPINEOL	0.020	0.020		TESTED	0.080	0.800	
ALPHA-TERPINENE	0.020	0.020		TESTED	0.071	0.710	
CAMPHENE	0.020	0.020		TESTED	0.060	0.600	
CARYOPHYLLENE OXIDE	0.020	0.020		TESTED	0.034	0.340	
VALENCENE	0.020	0.020		TESTED	0.033	0.330	
ALPHA-HUMULENE	0.020	0.020		TESTED	0.031	0.310	
FENCHYL ALCOHOL	0.020	0.020		TESTED	0.030	0.300	
GERANIOL	0.020	0.020		TESTED	0.027	0.270	
OCIMENE	0.020	0.020		TESTED	0.025	0.250	
GAMMA-TERPINENE	0.020	0.020		TESTED	0.025	0.250	
FARNESENE	0.020	0.020		TESTED	0.024	0.240	
TRANS-NEROLIDOL	0.020	0.020		TESTED	0.022	0.220	
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	
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	
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	
CIS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	
P-CYMENE	0.020	0.020		TESTED	ND	ND	

Analyzed by: 623, 990, 1172
Weight: 0.4459g
Extraction date: 03/05/26 15:21:10
Extracted by: 572

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA
Analytical Batch : NA025919TER
Instrument Used : NA-GCMS-008 (Terpenes)
Analyzed Date : 03/07/26 18:35:50
Batch Date : 03/03/26 08:56:37

Dilution : 10
Reagent : 011326.32; 110425.01; 010626.05; 030426.R20
Consumables : 010924CK01; 9291.043; 9479291.114; 250821-634-A; 04504082; IP250.077; 1008855823; 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.

Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	5.000	5.000	12	PASS	ND	

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Lab Director

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mayflowermedicinals.com
License # : MP281858

Sample: NA60302004-001
Batch #: BL-MASH022626
Seed to sale: 1A40A030000E809000013789

Ordered: 03/02/26
Sampled: 03/02/26
Completed: 03/07/26

PASSED

Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
N-BUTANE	ppm	5.000	5.000	12	PASS	ND	
ISO-BUTANE	ppm	5.000	5.000	12	PASS	ND	
ETHANOL	ppm	253.000	700.000	5000	PASS	ND	

Analyzed by: 572, 157, 990, 1172
Weight: 0.1035g
Extraction date: 03/04/26 10:55:56
Extracted by: 572

Analysis Method : SOP.T.40.044.MA
Analytical Batch : NA025918SOL
Instrument Used : NA-GCMS-003,NA-GCMS-005
Batch Date : 03/03/26 08:08:26
Analyzed Date : 03/07/26 18:31:02

Dilution : N/A
Reagent : 070224.01; 082724.02
Consumables : 1164863; 887159116589802; 125852; GD250004; 23-47
Pipette : N/A

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 27 Residual solvents. (Method: SOP.T.40.044.MA Residual Solvents Analysis via GC-MS).

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	
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, 1172
Weight: 0.9044g
Extraction date: 03/03/26 10:39:09
Extracted by: 711

Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA
Analytical Batch : NA025910MIC
Instrument Used : NA-PCR-001 (Microbial)
Batch Date : 03/02/26 14:51:38
Analyzed Date : 03/05/26 16:49:51

Dilution : 90
Reagent : 012926.R02; 122925.R01; 122325.36; 010526.03; 020526.18
Consumables : 418325139A; 418325156D; 347L99; 8847202-2441; 2401051; 08/09/22; PG1727; BEL-13166-0001; 13212; 250821-634-A; 110125CH01; 2560608; 15162252609; X002BSDL8D; 3110; 25494; 25/06/27; 0001297; 0002555; 7588002092; WO4586; WO4454; WO4959; 0002056; 0002044; 0002176; 0001425; 0002057; WO4955; 7810003107; 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-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	

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Sample: NA60302004-001
Batch #: BL-MASH022626
Seed to sale: 1A40A030000E809000013789

Ordered: 03/02/26
Sampled: 03/02/26
Completed: 03/07/26

PASSED

Mycotoxins — PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS	ppb	1.820	5.000	20	PASS	ND	

Analyzed by: 795, 990, 1172
Weight: 0.4817g
Extraction date: 03/04/26 15:38:41
Extracted by: 795,623

Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA025914MYC
Instrument Used : NA-LCMS-001 (MYC),NA-LCMS-003 (MYC)
Batch Date : 03/02/26 16:17:35
Analyzed Date : 03/07/26 18:28:11

Dilution : 12.5
Reagent : 030426.R18; 030725.01; 012926.R16; 030426.R02; 041223.11; 021126.R14
Consumables : 1008897309; MO00250508054; 9291.043; 9479291.114; P7623038; 1010204253; 1008855823; GD250004
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.

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	46.269	

Analyzed by: 1391, 157, 1172
Weight: 0.4461g
Extraction date: N/A
Extracted by: 1473

Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA
Analytical Batch : NA025941HEA
Instrument Used : NA-ICPMS-001,NA-ICPMS-002,Anton-Paar Microwave Go NA-237,Anton-Paar Microwave Go NA-145
Batch Date : 03/03/26 16:37:21
Analyzed Date : 03/05/26 17:00:06

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

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.

Vitamin E — PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
VITAMIN-E ACETATE	ppm	3000.000	10000.000	3000	PASS	ND	

Analyzed by: 735, 305, 990, 1172
Weight: 0.1g
Extraction date: 03/05/26 12:33:09
Extracted by: 735,1425

Analysis Method : SOP.T.40.321.MA
Analytical Batch : NA025928VIT
Instrument Used : NA-HPLC-001 (Vitamin E)
Batch Date : 03/03/26 09:16:38
Analyzed Date : 03/06/26 09:54:50

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