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

Kaycha Labs

M00003930519: GUMDROP MOUNTAINFLOWER BATCH
GUMDROP MOUNTAIN
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured

Certificate of Analysis

Laboratory Sample ID: NA50502003-002

Production Method: Cured
Batch#: FL-GDMT-A-22359
Metrc Source Package # : 1A40A0300006785000022359
METRC Package#: 1A40A0300006785000022361
Manifest #: 0002866720
Sample Size Received: 8 gram
Servings: 1
Ordered: 05/02/25
Sampled: 05/02/25
Completed: 05/06/25

May 06, 2025 | Mayflower - Massachusetts
1100 Innovation Way
Fall River, MA, 02720, US
License# : MC282690

PASSED

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	TESTED

MISC.

Terpenes
TESTED

Cannabinoid

PASSED

Total THC
25.2448%

Total CBD
ND

Total Cannabinoids
29.2352%

	TOTAL TAC	THCA	D9-THC	CBDA	CBD	CBN	CBG	CBGA	THCVA	THCV	CBDV	CBC	D8-THC
%	25.6925	28.2918	0.4329	ND	ND	ND	ND	0.3802	0.1303	ND	ND	ND	ND
mg/g	256.925	282.918	4.329	ND	ND	ND	ND	3.802	1.303	ND	ND	ND	ND
LOD	0.0100	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	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 1012, 735, 990, 1172
Weight: 0.2026g
Extraction date: 05/03/25 09:52:52
Extracted by: 735,1012

Analysis Method : SOP.T.30.031, SOP.T.40.031
Analytical Batch : NA018794POT
Instrument Used : NA-HPLC-004 (Potency - Flower)
Analyzed Date : 05/06/25 09:14:00
Batch Date : 05/02/25 13:35:16

Dilution : 400
Reagent : 031925.06; 032524.18; 120324.02; 041025.R05; 041025.R06; 040125.R25; 041725.R07; 040925.R01; 031925.07
Consumables : 101924CK01; 9479291.162; 947.162; 111824CH01; 04402004; 12LCM1211R91; 1008855823; 264274; 210118R; 220215E-15; GD240002; 324049304
Pipette : NA-014 (P-200); NA-021 (P-20); NA-309 (P-1000)

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.

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Margaret Teasdale
Lab Director

State License # IL281349
ISO 17025 Accreditation # 97164

Signature
05/06/25

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Matrix : Plant Material
Type: Flower-Cured

Certificate of Analysis

PASSED

Mayflower - Massachusetts

1100 Innovation Way
Fall River, MA, 02720, US
Telephone: (818) 522-7040
Email: John.Nunes@ianthus.com
License# : MC282690

Sample : NA50502003-002
Batch# : FL-GDMT-A-22359
Sampled : 05/02/25
Ordered : 05/02/25

Sample Size Received : 8 gram
Completed : 05/06/25 **Expires:** 05/06/26
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOD (%)	LOQ (%)	Pass/Fail	mg/g	Result (%)
BETA-MYRCENE	0.020	0.020	TESTED	3.72	0.372
BETA-CARYOPHYLLENE	0.020	0.020	TESTED	1.59	0.159
LIMONENE	0.020	0.020	TESTED	1.04	0.104
LINALOOL	0.020	0.020	TESTED	0.63	0.063
ALPHA-HUMULENE	0.020	0.020	TESTED	0.53	0.053
GUAIOL	0.020	0.020	TESTED	0.43	0.043
BETA-PINENE	0.020	0.020	TESTED	0.28	0.028
ALPHA-BISABOLOL	0.020	0.020	TESTED	0.25	0.025
FARNESENE	0.020	0.020	TESTED	0.22	0.022
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
FENCHYL ALCOHOL	0.020	0.020	TESTED	ND	ND
GERANIOL	0.020	0.020	TESTED	ND	ND
GERANYL ACETATE	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
Total (%)					**0.869**

Terpenes	LOD (%)	LOQ (%)	Pass/Fail	mg/g	Result (%)
ALPHA-PHELLANDRENE	0.020	0.020	TESTED	ND	ND
ALPHA-PINENE	0.020	0.020	TESTED	ND	ND
ALPHA-TERPINENE	0.020	0.020	TESTED	ND	ND
ALPHA-TERPINEOL	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, 1172
Weight: 0.4889g
Extraction date: 05/03/25 11:23:58
Extracted by: 572

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA
Analytical Batch : NA018801TER
Instrument Used : NA-GCMS-004 (Terpenes)
Analyzed Date : 05/06/25 13:53:33
Batch Date : 05/02/25 16:07:53

Dilution : 10
Reagent : 032524.18; 012125.03; 052025.02; 041725.R03
Consumables : 101924CK01; 8847202-2441; 9479291.162; 947.162; 4771029; 4052-629; 1008855823; 264274; GD240002; 324049304
Pipette : NA-285 (P-20); NA-137; NA-138

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.

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05/06/25

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GUMDROP MOUNTAIN
Matrix : Plant Material
Type: Flower-Cured

Certificate of Analysis

PASSED

Mayflower - Massachusetts

1100 Innovation Way
Fall River, MA, 02720, US
Telephone: (818) 522-7040
Email: John.Nunes@ianthus.com
License# : MC282690

Sample : NA50502003-002
Batch# : FL-GDMT-A-22359
Sampled : 05/02/25
Ordered : 05/02/25

Sample Size Received : 8 gram
Completed : 05/06/25 **Expires:** 05/06/26
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	LOQ	Units	Action Level	Pass/Fail	Result
BIFENTHRIN	2.240	10.000	ppb	10	PASS	ND
BIFENAZATE	2.460	10.000	ppb	10	PASS	ND
ETOXAZOLE	1.790	10.000	ppb	10	PASS	ND
IMAZALIL	3.050	10.000	ppb	10	PASS	ND
IMIDACLOPRID	1.860	10.000	ppb	10	PASS	ND
MYCLOBUTANIL	2.900	10.000	ppb	10	PASS	ND
SPIROMESIFEN	2.970	10.000	ppb	10	PASS	ND
TRIFLOXYSTROBIN	1.560	10.000	ppb	10	PASS	ND

Pesticide	LOD	LOQ	Units	Action Level	Pass/Fail	Result
CYFLUTHRIN *	3.750	10.000	ppb	10	PASS	ND

Analyzed by: 139, 414, 990, 1172 **Weight:** 0.5007g **Extraction date:** 05/03/25 09:45:35 **Extracted by:** 795,139,414
Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA018803PES
Instrument Used : NA-LCMS-003 (Pesticides) **Batch Date :** 05/02/25 16:47:06
Analyzed Date : 05/05/25 09:11:14
Dilution : 12.5
Reagent : 041625.R03; 032524.18; 040325.R01; 041925.R01; 060922.01; 042325.R01; 032825.R04; 041725.R05; 042425.R33; 031125.R01
Consumables : 9479291.162; 947.162; 4771029; 12LCM1211R91; 1008855823; 1010055131; 14040294-2; 23-47; USEEN02432; USEEZ04083
Pipette : NA-026 (Dispenser); NA-285 (P-20); NA-307 (P-1000); NA-136

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 vis GC-MSMS).

Analyzed by: 139, 414, 990, 1172 **Weight:** 0.5007g **Extraction date:** 05/03/25 09:45:35 **Extracted by:** 795,139,414
Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA
Analytical Batch : NA018806VOL
Instrument Used : NA-GCMS-001 (Volatile Pesticides) **Batch Date :** 05/03/25 11:36:31
Analyzed Date : 05/05/25 09:20:31
Dilution : 12.5
Reagent : 041625.R03; 032524.18; 040325.R01; 041925.R01; 060922.01; 042325.R01
Consumables : 9479291.162; 947.162; 4771029; 12LCM1211R91; 1008855823; 1010055131; 14040294-2; 23-47
Pipette : NA-026 (Dispenser); NA-285 (P-20); NA-307 (P-1000); NA-136

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.

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GUMDROP MOUNTAIN
Matrix : Plant Material
Type: Flower-Cured

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Mayflower - Massachusetts

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Telephone: (818) 522-7040
Email: John.Nunes@ianthus.com
License# : MC282690

Sample : NA50502003-002
Batch# : FL-GDMT-A-22359
Sampled : 05/02/25
Ordered : 05/02/25

Sample Size Received : 8 gram
Completed : 05/06/25 **Expires:** 05/06/26
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL COLIFORMS	10	cfu/g	ND	PASS	1000
TOTAL VIABLE AEROBIC BACTERIA	10	cfu/g	ND	PASS	100000
BILE TOLERANT GRAM NEGATIVE BACTERIA	10	cfu/g	ND	PASS	1000
TOTAL YEAST AND MOLD	100	cfu/g	160	PASS	10000
ESCHERICHIA COLI SPECIFIC GENE			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	

Analyzed by: 870, 388, 414, 990, 1172 **Weight:** 0.857g **Extraction date:** 05/02/25 14:26:46 **Extracted by:** 388,711

Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA
Analytical Batch : NA018793MIC
Instrument Used : NA-PCR-001 (Microbial) **Batch Date :** 05/02/25 13:10:57
Analyzed Date : 05/05/25 14:27:57

Dilution : 900
Reagent : 032125.R01; 021325.R22; 022425.10; 032625.07
Consumables : 418324276A; 418324196C; 343L9Y; 8847202-2441; 2401051; 08/09/22; PG1707; BEL-13166-0001; 01525385; 4771029; 111824CH01; 2240626; 50RWM0411W58; X002BSDL8D; 3110; 398754; 21134; 230616; 0001890; 0001797; 7579004074; 7579004075; WO3978; WO3862; WO4455; 0001889; 0001527; 0001531; 0000888; 0001892; 0001922; 0001528; 0001317; WO4507; WO4146; 0001528; 0001528; 0000551560; 0000581319; 0000535389; 1008646004; 12LCM1211R91; 1010089776; 1009225680; 7807003005
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, 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-208A (P-1000, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-210 Micro bottle top dispenser; NA-211 Micro bottle top dispenser; NA-212 Micro bottle top dispenser

Mycotoxins — PASSED

Analyte	LOD	LOQ	Units	Result	Pass / Fail	Action Level
AFLATOXIN B1	2.010	5.000	ppb	ND	PASS	20
AFLATOXIN B2	1.960	5.000	ppb	ND	PASS	20
AFLATOXIN G1	1.820	5.000	ppb	ND	PASS	20
AFLATOXIN G2	2.100	5.000	ppb	ND	PASS	20
OCHRATOXIN A	2.190	5.000	ppb	ND	PASS	20
TOTAL AFLATOXINS	1.820	5.000	ppb	ND	PASS	20

Analyzed by: 139, 414, 990, 1172 **Weight:** 0.5007g **Extraction date:** 05/03/25 09:45:35 **Extracted by:** 795,139,414

Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA018805MYC
Instrument Used : NA-LCMS-003 (MYC) **Batch Date :** 05/03/25 11:36:14
Analyzed Date : 05/05/25 09:07:04

Dilution : 12.5
Reagent : 041625.R03; 032524.18; 040325.R01; 041925.R01; 060922.01; 042325.R01; 032825.R04; 041725.R05; 042425.R33; 031125.R01
Consumables : 9479291.162; 947.162; 4771029; 12LCM1211R91; 1008855823; 1010055131; 14040294-2; 23-47; USEEN02432; USEEZ04083
Pipette : NA-026 (Dispenser); NA-285 (P-20); NA-307 (P-1000); NA-136

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

Metal	LOD	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	6.720	10.000	ppb	<10.000	PASS	200
CADMIUM	9.260	10.000	ppb	ND	PASS	200
MERCURY	3.400	5.000	ppb	6.182	PASS	100
LEAD	8.850	10.000	ppb	ND	PASS	500

Analyzed by: 623, 414, 990, 1172 **Weight:** 0.3583g **Extraction date:** 05/04/25 08:46:06 **Extracted by:** 875

Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA
Analytical Batch : NA018802HEA
Instrument Used : NA-ICPMS-001 **Batch Date :** 05/02/25 16:09:17
Analyzed Date : 05/06/25 13:42:14

Dilution : 50
Reagent : 041425.R03; 070224.R04; 070224.R03; 030925.R03; 011024.28; 010925.02; 040325.01
Consumables : 01525385; 111824CH01; 1008855823; GD240002
Pipette : NA-125 (5mL)

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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Batch# : FL-GDMT-A-22359
Sampled : 05/02/25
Ordered : 05/02/25

Sample Size Received : 8 gram
Completed : 05/06/25 **Expires:** 05/06/26
Sample Method : SOP Client Method

Moisture

TESTED

Analyte	LOD	Units	Result	P/F	Action Level
Moisture Content	0.100	%	6.890	TESTED	

Analyzed by:	Weight:	Extraction date:	Extracted by:
875, 990, 1172	0.479g	05/05/25 07:44:16	875

Analysis Method : SOP.T.40.021.MA
Analytical Batch : NA018807MOI
Instrument Used : NA-038 Moisture Analyzer,NA-236 Moisture Analyzer **Batch Date :** 05/04/25 13:47:30
Analyzed Date : 05/05/25 09:35:29

Dilution : N/A
Reagent : 032524.18; 040325.01
Consumables : 321-71571-10; 1008855823; GD240002
Pipette : NA-013 (P-200)

Moisture Content analysis is performed by using a moisture analyzer balance using SOP.T.40.021.MA

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