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

Kaycha Labs

M00004071009: AK-47 Bulk Flower
Strain: AK-47
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured

Certificate of Analysis

PASSED



Batch #: H50-AK-20260721-A5
Production Method: Cured
Total Amount: gram
Retail Product Size: gram
Retail Serving Size: gram
Servings: 1
Metrc Package #:
1A40A030000D805000004003
Metrc Source Package # :
1A40A030000D805000003986

Lab ID: NA60806002-001
Ordered: 08/05/26
Sampled Date: 08/06/26
Sample Size: 8 gram
Completed: 08/12/26
Manifest #: 0003363603

Flower Power Growers
180 Industrial Blvd
Turners Falls, MA, 01376, US
www.picnicfresh.com
License # : MC283122

SAFETY RESULTS | **MISC.**

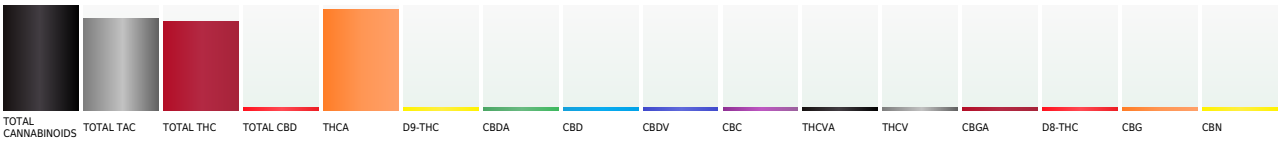
Pesticide	Heavy Metals	Microbial	Mycotoxins	Solvents	Filth/Foreign Material	Water Activity	Moisture Content	Vitamin E	Terpenes
PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	TESTED

Cannabinoid — PASSED

Total THC
22.1936%

Total CBD
ND

Total Cannabinoids
26.0270%



	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBG	CBN
%	26.0270	22.8593	22.1936	ND	24.9950	0.2730	ND	ND	ND	ND	ND	ND	0.7590	ND	ND	ND
mg/g	260.2700	228.5926	221.9361	ND	249.9500	2.7300	ND	ND	ND	ND	ND	ND	7.5900	ND	ND	ND
Qualifier																
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

Analyzed by: 1280, 305, 990, 1623
Weight: 0.2028g
Extraction date: 08/09/26 13:55:19
Extracted by: 1425,1572

Analysis Method : SOP.T.30.031, SOP.T.40.031
Analytical Batch : NA030097POT
Instrument Used : NA-HPLC-004 (Potency - Flower)
Batch Date : 08/07/26 11:04:03
Analyzed Date : 08/11/26 21:59:26

Dilution : 400
Reagent : 070226.02; 093025.03; 050626.06; 042726.R01; 042726.R02; 072926.R21; 080626.R02; 080826.R01
Consumables : 050925CK01; 9479291.009; DMGX08E25S; 04503068; 1009318699; 1011304115; 250406E; 220215E-15; GD250006; 340056236
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	LIMIT	LOD	LOQ	RESULT(%)	(MG/G)	QUALIFIER	PASS/FAIL
TOTAL TERPENES		0.020	0.020	0.773	7.730		TESTED
BETA-MYRCENE		0.020	0.020	0.479	4.790		TESTED
OCIMENE		0.020	0.020	0.169	1.690		TESTED

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Margaret Teasdale
Lab Director

State License # IL281349
ISO 17025
Accreditation # 97164

Signature
08/12/26
Laboratory License #: IL281349

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180 Industrial Blvd
Turners Falls, MA, 01376, US
www.picnicfresh.com
License # : MC283122

Sample: NA60806002-001
Batch #: H50-AK-20260721-A5
Seed to sale: 1A40A030000D805000004003

Ordered: 08/05/26
Sampled: 08/06/26
Completed: 08/12/26

PASSED

Terpenes

TESTED

ANALYTES	LIMIT	LOD	LOQ	RESULT(%)	(MG/G)	QUALIFIER	PASS/FAIL
LINALOOL		0.020	0.020	0.047	0.470		TESTED
ALPHA-PINENE		0.020	0.020	0.029	0.290		TESTED
BETA-CARYOPHYLLENE		0.020	0.020	0.025	0.250		TESTED
FARNESENE		0.020	0.020	0.024	0.240		TESTED
3-CARENE		0.020	0.020	ND	ND		TESTED
BORNEOL		0.020	0.020	ND	ND		TESTED
CAMPHENE		0.020	0.020	ND	ND		TESTED
CAMPHOR		0.020	0.020	ND	ND		TESTED
CARYOPHYLLENE OXIDE		0.020	0.020	ND	ND		TESTED
CEDROL		0.002	0.020	ND	ND		TESTED
EUCALYPTOL		0.020	0.020	ND	ND		TESTED
FENCHONE		0.020	0.020	ND	ND		TESTED
FENCHYL ALCOHOL		0.020	0.020	ND	ND		TESTED
GERANIOL		0.020	0.020	ND	ND		TESTED
GERANYL ACETATE		0.020	0.020	ND	ND		TESTED
GUAIOL		0.020	0.020	ND	ND		TESTED
HEXAHYDROTHYMOL		0.020	0.020	ND	ND		TESTED
ISOBORNEOL		0.020	0.020	ND	ND		TESTED
ISOPULEGOL		0.020	0.020	ND	ND		TESTED
LIMONENE		0.020	0.020	ND	ND		TESTED
NEROL		0.020	0.020	ND	ND		TESTED
PULEGONE		0.020	0.020	ND	ND		TESTED
SABINENE		0.020	0.020	ND	ND		TESTED
SABINENE HYDRATE		0.020	0.020	ND	ND		TESTED
TERPINOLENE		0.020	0.020	ND	ND		TESTED
VALENCENE		0.020	0.020	ND	ND		TESTED
ALPHA-BISABOLOL		0.020	0.020	ND	ND		TESTED
ALPHA-CEDRENE		0.020	0.020	ND	ND		TESTED
ALPHA-HUMULENE		0.020	0.020	ND	ND		TESTED
ALPHA-PHELLANDRENE		0.020	0.020	ND	ND		TESTED
ALPHA-TERPINENE		0.020	0.020	ND	ND		TESTED
ALPHA-TERPINEOL		0.020	0.020	ND	ND		TESTED
BETA-PINENE		0.020	0.020	ND	ND		TESTED
CIS-NEROLIDOL		0.020	0.020	ND	ND		TESTED
GAMMA-TERPINENE		0.020	0.020	ND	ND		TESTED
P-CYMENE		0.020	0.020	ND	ND		TESTED
TRANS-NEROLIDOL		0.020	0.020	ND	ND		TESTED

Analyzed by: 1583, 990, 1623
Weight: 0.4266g
Extraction date: 08/08/26 15:41:18
Extracted by: 1241,1583

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA
Analytical Batch : NA030109TER
Instrument Used : NA-GCMS-004 (Terpenes)
Batch Date : 08/07/26 13:04:43
Analyzed Date : 08/11/26 22:03:01

Dilution : 10
Reagent : 062326.09; 093025.03; 030526.05; 072926.R26
Consumables : 050925CK01; IP250.009; 9479291.009; 8580110; 04503068; 1011304115; 1009318600; GD250006; 340056236
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.

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Classification: Raw Plant Material
Type: Flower-Cured

Certificate of Analysis

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180 Industrial Blvd
Turners Falls, MA, 01376, US
www.picnicfresh.com
License # : MC283122

Sample: NA60806002-001
Batch #: H50-AK-20260721-A5
Seed to sale: 1A40A030000D805000004003

Ordered: 08/05/26
Sampled: 08/06/26
Completed: 08/12/26

PASSED

Pesticide

PASSED

ANALYTES	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
BIFENTHRIN	10	2.240	10.000	ND	ppb		PASS
BIFENAZATE	10	2.460	10.000	ND	ppb		PASS
ETOXAZOLE	10	1.790	10.000	ND	ppb		PASS
IMAZALIL	10	3.050	10.000	ND	ppb		PASS
IMIDACLOPRID	10	1.860	10.000	ND	ppb		PASS
MYCLOBUTANIL	10	2.900	10.000	ND	ppb		PASS
SPIROMESIFEN	10	2.970	10.000	ND	ppb		PASS
TRIFLOXYSTROBIN	10	1.560	10.000	ND	ppb		PASS
CYFLUTHRIN	10	3.750	10.000	ND	ppb		PASS

Analyzed by: 139, 990, 1623
Weight: 0.5083g
Extraction date: 08/09/26 10:54:11
Extracted by: 139,1621

Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA030117PES
Instrument Used : NA-LCMS-001 (Pesticides)
Analyzed Date : 08/11/26 21:56:33
Batch Date : 08/07/26 16:29:39

Dilution : 12.5
Reagent : 080526.R03; 070626.R12; 080226.R12; 041223.11; 072126.R01; 073126.R05; 080526.R01; 073126.R03; 080526.R02; 071526.R02
Consumables : IP250.009; 8580110; 1009318699; 1011304115; 1009318600; MO0260424010; GD250006; USEEN02608; EEZ0004584
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 vis GC-MSMS).

Analyzed by: 795, 990, 1623
Weight: 0.5083g
Extraction date: 08/09/26 10:54:11
Extracted by: 139,1621

Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA
Analytical Batch : NA030158VOL
Instrument Used : NA-GCMS-006 (Volatile Pesticides)
Analyzed Date : 08/12/26 06:48:57
Batch Date : 08/09/26 13:14:03

Dilution : 12.5
Reagent : 080526.R03; 070626.R12; 080226.R12; 041223.11; 072126.R01
Consumables : IP250.009; 8580110; 1009318699; 1011304115; 1009318600; MO0260424010; GD250006
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	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
TOTAL COLIFORMS	1000	10	10	ND	cfu/g		PASS
TOTAL VIABLE AEROBIC BACTERIA	100001	10	10	ND	cfu/g		PASS
BILE TOLERANT GRAM NEGATIVE BACTERIA	1000	10	10	ND	cfu/g		PASS
TOTAL YEAST AND MOLD	10000	100	100	7900	cfu/g		PASS
ESCHERICHIA COLI SPECIFIC GENE	2000	2000	2000	Not Present	pass/fail		PASS
SALMONELLA SPECIFIC GENE	10000	10000	10000	Not Present	pass/fail		PASS

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License # : MC283122

Sample: NA60806002-001
Batch #: H50-AK-20260721-A5
Seed to sale: 1A40A030000D805000004003

Ordered: 08/05/26
Sampled: 08/06/26
Completed: 08/12/26

PASSED

Microbial

PASSED

ANALYTES	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL

Analyzed by: 711, 990, 1623 **Weight:** 0.8867g **Extraction date:** 08/07/26 11:40:50 **Extracted by:** 711,572

Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA
Analytical Batch : NA030086MIC
Instrument Used : NA-PCR-001 (Microbial)
Batch Date : 08/07/26 07:10:02
Analyzed Date : 08/12/26 13:22:10

Dilution : 900
Reagent : 102925.01; 062126.R04; 061126.10; 051724.05; 050526.21; 070226.36
Consumables : 418325238F; 8847202-2441; PG1821; 601537; DMAX12K25S; 8580110; DMGX08E25S; 022511; 009604; 5910915; 13235252609; X002BSDL8D; MKDB6516; 260126001; 25494; 250909; 0002734; 0002840; 7589004113; WO4755; WO4699; WO5125; 0002284; 0002285; 0002676; 0001425; 0002261; WO5170; 7811003076; 0002506; 0002507; WO5134; WO4964; 0002304; 0002471; 0000659802; 0000659773; 0000658588; 1011196575; 1010204253; 1011015956; 1011151661
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-333 micro bottle top dispenser; NA-355 micro bottle top dispenser; NA-356 micro bottle top dispenser; NA-357 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	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
AFLATOXIN B1	20	2.010	5.000	ND	ppb		PASS
AFLATOXIN B2	20	1.955	5.000	ND	ppb		PASS
AFLATOXIN G1	20	1.823	5.000	ND	ppb		PASS
AFLATOXIN G2	20	2.100	5.000	ND	ppb		PASS
OCHRATOXIN A	20	2.194	5.000	ND	ppb		PASS
TOTAL AFLATOXINS	20	1.820	5.000	ND	ppb		PASS

Analyzed by: 139, 990, 1623 **Weight:** 0.5083g **Extraction date:** 08/09/26 10:54:11 **Extracted by:** 139,1621

Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA030157MYC
Instrument Used : NA-LCMS-001 (MYC)
Batch Date : 08/09/26 13:12:35
Analyzed Date : 08/11/26 21:54:36

Dilution : 12.5
Reagent : 080526.R03; 070626.R12; 080226.R12; 041223.11; 072126.R01; 073126.R05; 080526.R01; 073126.R03; 080526.R02; 071526.R02
Consumables : IP250.009; 8580110; 1009318699; 1011304115; 1009318600; MO0260424010; GD250006; USEEN02608; EEZ0004584
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	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
ARSENIC	200	5.450	20.000	<20.000	ppb		PASS
CADMIUM	200	5.500	20.000	ND	ppb		PASS
MERCURY	100	3.400	5.000	<5.000	ppb		PASS
LEAD	500	8.000	20.000	ND	ppb		PASS

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PASSED

Heavy Metals — PASSED

ANALYTES	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL

Analyzed by: 1391, 1544, 1623
Weight: 0.3085g
Extraction date: 08/08/26 13:38:23
Extracted by: 1391,1546

Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA
Analytical Batch : NA030092HEA
Instrument Used : NA-ICPMS-002,NA-340 Multiwave 7301 Digester
Batch Date : 08/07/26 10:33:37
Analyzed Date : 08/10/26 14:25:26

Dilution : 50
Reagent : 052626.09; 052626.10; 040726.02; 071226.R03; 080426.R04; 050526.08; 032726.01; 022426.09
Consumables : 13321; DMGX08E25S; 1011304115; GD250006; 0002279105
Pipette : NA-012 (P-200); NA-255 (10mL Dispensette, HCL); NA-362 (5 mL Bottle Top Dispenser, Nitric Acid); NA-363 (5 mL Bottle Top Dispenser, Water, HEA)

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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