



Certificate of Analysis

Pages 1 of 5

PASSED



Harvest/Lot #: CHEM260702-3-2A4
Batch #: CHEM260702-3-2A4
Production Method: Cured
Total Amount: gram
Retail Product Size: 8 gram
Retail Serving Size: 8 gram
Servings: 1
Metrc Package #:
1A40A030000012E000137278
Metrc Source Package #:
1A40A030000012E000137277

Lab ID: NA60728004-025
Ordered: 07/28/26
Sampled Date: 07/28/26
Sample Size: 8 gram
Completed: 08/01/26
Manifest #: 0003354619

INSA - Massachusetts

122 Pleasant Street
Easthampton, MA, 01027, US
myinsa.com
License #: MP281426



SAFETY RESULTS

MISC.

									
Pesticide PASSED	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



Total THC
31.0676%



Total CBD
ND



Total Cannabinoids
36.5300%

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBG	CBN
%	36.5300	32.1244	31.0676	ND	34.6130	0.7120	ND	ND	ND	ND	0.2500	ND	0.9550	ND	ND	ND
mg/g	365.3000	321.2439	310.6760	ND	346.1300	7.1200	ND	ND	ND	ND	2.5000	ND	9.5500	ND	ND	ND
Qualifier																
LOQ (%)	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:
623, 1142, 990, 1623

Weight:
0.2057g

Extraction date:
07/31/26 10:07:46

Extracted by:
1280,1425

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

Analytical Batch : NA029824POT

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

Analyzed Date : 08/01/26 08:44:04

Batch Date : 07/28/26 18:53:46

Dilution : 400

Reagent : 070226.12; 070226.13; 093025.03; 050626.05; 042726.R01; 042726.R02; 071026.R21; 072926.R22; 071026.R24

Consumables : 050925CK01; 9479291.009; DMAX18I25S; 1009318699; 1011304115; 250406E; 220215E-15; GD250006; 340056236; 04503068

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	2.143	21.430	TESTED	
BETA-MYRCENE			0.020	0.020	0.928	9.280	TESTED	
BETA-CARYOPHYLLENE			0.020	0.020	0.328	3.280	TESTED	

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Margaret Teasdale

Lab Director

State License #
IL281349
ISO 17025
Accreditation # 97164



Signature
08/01/26
Laboratory License #:
IL281349



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

Kaycha Labs

Chemistry
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 2 of 5

INSA - Massachusetts

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License #: MP281426

Sample: NA60728004-025

Batch #: CHEM260702-3-2A4
Harvest/Lot ID: CHEM260702-3-2A4
Seed to sale: 1A40A030000012E000137278

Ordered: 07/28/26
Sampled: 07/28/26
Completed: 08/01/26

PASSED



Terpenes

TESTED

ANALYTES		LIMIT	LOD	LOQ	RESULT(%)	(MG/G)	QUALIFIER	PASS/FAIL
LIMONENE			0.020	0.020	0.269	2.690	TESTED	
LINALOOL			0.020	0.020	0.224	2.240	TESTED	
ALPHA-HUMULENE			0.020	0.020	0.091	0.910	TESTED	
ALPHA-BISABOLOL			0.020	0.020	0.085	0.850	TESTED	
BETA-PINENE			0.020	0.020	0.058	0.580	TESTED	
ALPHA-TERPINEOL			0.020	0.020	0.036	0.360	TESTED	
SABINENE			0.020	0.020	0.034	0.340	TESTED	
FENCHYL ALCOHOL			0.020	0.020	0.032	0.320	TESTED	
ALPHA-PINENE			0.020	0.020	0.029	0.290	TESTED	
TRANS-NEROLIDOL			0.020	0.020	0.029	0.290	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	
FARNESENE			0.020	0.020	ND	ND	TESTED	
FENCHONE			0.020	0.020	ND	ND	TESTED	
GERANIOL			0.020	0.020	ND	ND	TESTED	
GERANYL ACETATE			0.020	0.020	ND	ND	TESTED	
GUAJOL			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	
NEROL			0.020	0.020	ND	ND	TESTED	
OCIMENE			0.020	0.020	ND	ND	TESTED	
PULEGONE			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-CEDRENE			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	
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	

Analyzed by:
990, 1623

Weight:
0.5672g

Extraction date:
07/29/26 12:32:42

Extracted by:
1557,1583

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

Analytical Batch : NA029803TER

Instrument Used : NA-GCMS-004 (Terpenes)

Analyzed Date : 08/01/26 08:48:28

Batch Date : 07/28/26 13:58:07

Dilution : 10

Reagent : 070126.03; 093025.03; 061826.04; 072926.R26

Consumables : 050925CK01; IP250.009; 9479291.009; 2550528; 04503049; 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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Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



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myinsa.com
License #: MP281426

Sample: NA60728004-025

Batch #: CHEM260702-3-2A4
Harvest/Lot ID: CHEM260702-3-2A4
Seed to sale: 1A40A030000012E000137278

Ordered: 07/28/26
Sampled: 07/28/26
Completed: 08/01/26

PASSED

	Pesticide	PASSED
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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, 1544, 1623	Weight: 0.4533g	Extraction date: 07/29/26 17:28:34	Extracted by: 1172,795
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Analysis Method : SOP.T.40.104.MA

Analytical Batch : NA029817PES

Instrument Used : NA-LCMS-001 (Pesticides)

Analyzed Date : 07/31/26 11:54:01

Batch Date : 07/28/26 16:25:27

Dilution : 12.5

Reagent : 072926.R01; 093025.03; 070626.R12; 072326.R01; 041223.11; 072126.R01; 072426.R03; 072126.R12; 072126.R13; 070926.R01; 071526.R02

Consumables : 9479291.009; 2550528; 1011304115; 1009318600; MO0260205038; GD250006; EEN0002656; 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 via GC-MSMS).

Analyzed by: 735, 1544, 1623	Weight: 0.4533g	Extraction date: 07/29/26 17:28:34	Extracted by: 1172,795
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Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA

Analytical Batch : NA029874VOL

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

Analyzed Date : 07/31/26 14:46:56

Batch Date : 07/30/26 13:15:32

Dilution : 12.5

Reagent : 072926.R01; 093025.03; 070626.R12; 072326.R01; 041223.11; 072126.R01

Consumables : 9479291.009; 2550528; 1011304115; 1009318600; MO0260205038; 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
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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	490	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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Chemistry
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Classification: Raw Plant Material
Type: Flower-Cured



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License #: MP281426

Sample: NA60728004-025

Batch #: CHEM260702-3-2A4
Harvest/Lot ID: CHEM260702-3-2A4
Seed to sale: 1A40A030000012E000137278

Ordered: 07/28/26
Sampled: 07/28/26
Completed: 08/01/26

PASSED

	Microbial	PASSED
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ANALYTES	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
Analyzed by: 388, 990, 1623	Weight: 0.9513g	Extraction date: 07/29/26 10:09:45			Extracted by: 388,870		
Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA							
Analytical Batch : NA029808MIC							
Instrument Used : NA-PCR-001 (Microbial)				Batch Date : 07/28/26 15:02:21			
Analyzed Date : 08/01/26 08:50:48							
Dilution : 900							
Reagent : N/A							
Consumables : 418325238F; 8847202-2441; 601537; DMAX12K25S; 8580110; 024603; 009604; 5910915; 13235252609; X002BSDL8D; MKDB6516; 260126001; 21124; 250909; 0002734; 0002840; 7590003049; WO4870; WO4699; WO5125; 0002284; 0002285; 0002676; 0001425; 0002261; WO5170; WO4316; WO3882; WO4135; 7811003073; 7811003089; 0002506; 0002507; WO5078; WO4964; 0002304; 0002510; 0000659802; 0000659773; 0000662053; 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-356 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
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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, 1544, 1623	Weight: 0.4533g	Extraction date: 07/29/26 17:28:34				Extracted by: 1172,795	
Analysis Method : SOP.T.40.104.MA							
Analytical Batch : NAO29873MYC							
Instrument Used : NA-LCMS-001 (MYC)				Batch Date : 07/30/26 13:14:30			
Analyzed Date : 07/31/26 11:45:37							
Dilution : 12.5							
Reagent : 072926.R01; 093025.03; 070626.R12; 072326.R01; 041223.11; 072126.R01; 072426.R03; 072126.R12; 072126.R13; 070926.R01; 071526.R02							
Consumables : 9479291.009; 2550528; 1011304115; 1009318600; MO0260205038; GD250006; EEN0002656; 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
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ANALYTES	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
ARSENIC	200	6.720	10.000	<10.000	ppb		PASS
CADMIUM	200	9.260	10.000	ND	ppb		PASS
MERCURY	100	3.400	5.000	6.202	ppb		PASS
LEAD	500	8.850	10.000	ND	ppb		PASS

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Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



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Batch #: CHEM260702-3-2A4
Harvest/Lot ID: CHEM260702-3-2A4
Seed to sale: 1A40A030000012E000137278

Ordered: 07/28/26
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Completed: 08/01/26

PASSED



Heavy Metals

PASSED

ANALYTES	LIMIT	LOD	LOQ	RESULT	UNIT	QUALIFIER	PASS/FAIL
Analyzed by: 572, 1544, 1623	Weight: 0.3131g	Extraction date: 07/29/26 15:30:14	Extracted by: 1391,1546				
Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA Analytical Batch : NA029820HEA Instrument Used : NA-ICPMS-001,NA-340 Multiwave 7301 Digester Analyzed Date : 07/31/26 17:48:42							
Batch Date : 07/28/26 16:29:32							
Dilution : 50 Reagent : 052626.09; 052626.10; 040726.02; 060226.R10; 071626.R13; 050526.07; 032726.01; 060226.R08 Consumables : 13312; 1011304115; GD250006; 0002279105; DMAX18I255 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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