



Certificate of Analysis

Pages 1 of 5

PASSED



Harvest/Lot ID: AMAL260327-3-1A2
Batch #: AMAL260327-3-1A2
Production Method: Cured
Retail Product Size: 8 gram
Retail Serving Size: 8 gram
Servings: 1
Metric Package #:
1A40A030000012E000122015
Metric Source Package #:
1A40A030000012E000122014

Lab ID: NA60416002-005
Ordered: 04/16/26
Sampled Date: 04/16/26
Sample Size: 8 gram
Completed: 04/25/26
Manifest #: 0003248673

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
29.0593%



Total CBD
ND



Total Cannabinoids
34.9570%

QUALIFIER	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBG	CBN
%	34.9570	30.7070	29.0593	ND	32.7940	0.2990	ND	ND	ND	0.1050	0.1500	ND	1.6090	ND	ND	ND
mg/g	349.5700	307.0698	290.5934	ND	327.9400	2.9900	ND	ND	ND	1.0500	1.5000	ND	16.0900	ND	ND	ND
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:
1280, 305, 157, 1545

Weight:
0.195g

Extraction date:
04/21/26 10:33:19

Extracted by:
1280,1425

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

Analytical Batch : NA027251POT

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

Analyzed Date : 04/22/26 20:01:31

Batch Date : 04/19/26 18:00:39

Dilution : 400

Reagent : 100724.03; 040926.28; 040926.29; 030725.01; 030626.03; 110325.R03; 110325.R04; 041526.R22; 041826.R02; 032626.R03

Consumables : 010924CK01; 3.4.616000183; 072425CH02; 04504082; 1008646012; 1008855823; 250406E; 220215E-15; GD250005; 2511221; 331090163

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	1.530	15.300	
BETA-MYRCENE	0.020	0.020	TESTED	TESTED	0.391	3.910	
BETA-CARYOPHYLLENE	0.020	0.020	TESTED	TESTED	0.387	3.870	
LIMONENE	0.020	0.020	TESTED	TESTED	0.280	2.800	

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Margaret Teasdale

Lab Director

State License #
IL281349
ISO 17025
Accreditation # 97164

Signature
04/25/26
Laboratory License #:
IL281349



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

Kaycha Labs

Amalfi Coast
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: NA60416002-005

Batch #: AMAL260327-3-1A2
Harvest/Lot ID: AMAL260327-3-1A2
Seed to sale: 1A40A030000012E000122015

Ordered: 04/16/26
Sampled: 04/16/26
Completed: 04/25/26

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
LINALOOL	0.020	0.020	TESTED	0.175	1.750		
ALPHA-HUMULENE	0.020	0.020	TESTED	0.109	1.090		
FARNESENE	0.020	0.020	TESTED	0.066	0.660		
BETA-PINENE	0.020	0.020	TESTED	0.050	0.500		
FENCHYL ALCOHOL	0.020	0.020	TESTED	0.025	0.250		
TRANS-NEROLIDOL	0.020	0.020	TESTED	0.025	0.250		
ALPHA-TERPINEOL	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		
GUAJOL	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-BISABOLOL	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-PINENE	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		

Analyzed by:
623, 990, 1545

Weight:
0.473g

Extraction date:
04/21/26 16:41:29

Extracted by:
1557,623

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

Analytical Batch : NA027183TER

Instrument Used : NA-GCMS-004 (Terpenes)

Analyzed Date : 04/25/26 12:29:40

Batch Date : 04/17/26 11:01:03

Dilution : 10

Reagent : 040926.03; 070224.01; 031326.01; 041426.R02

Consumables : 010924CK01; 9479291.114; 2550528; 04504082; IP250.114; 1008855823; 1009318600; GD250005; 331090163; 23-47

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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Teasdale

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Kaycha Labs
Amalfi Coast
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



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myinsa.com
License #: MP281426

Sample: NA60416002-005

Batch #: AMAL260327-3-1A2
Harvest/Lot ID: AMAL260327-3-1A2
Seed to sale: 1A40A030000012E000122015

Ordered: 04/16/26
Sampled: 04/16/26
Completed: 04/25/26

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, 157, 1545 Weight: 0.4891g Extraction date: 04/18/26 17:57:11 Extracted by: 139,1134

Analysis Method : SOP.T.40.104.MA
Analytical Batch : NA027224PES
Instrument Used : NA-LCMS-001 (Pesticides) Batch Date : 04/18/26 12:33:16
Analyzed Date : 04/22/26 19:57:24

Dilution : 12.5
Reagent : 041626.R04; 030725.01; 041426.R04; 041726.R08; 041223.11; 040826.R10; 041826.R03; 041726.R06; 041026.R03; 021826.R01
Consumables : 1008897309; 9291.043; 9479291.114; 6881027; 1010204253; 1008855823; 52839175; GD250005; USEEN02615; 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: 990, 1545 Weight: 0.4891g Extraction date: 04/18/26 17:57:11 Extracted by: 139,1134

Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA
Analytical Batch : NA027247VOL
Instrument Used : NA-GCMS-007 (Volatile Pesticide) Batch Date : 04/19/26 12:48:20
Analyzed Date : 04/25/26 12:28:16

Dilution : 12.5
Reagent : 041626.R04; 030725.01; 041426.R04; 041726.R08; 041223.11; 040826.R10
Consumables : 1008897309; 9291.043; 9479291.114; 6881027; 1010204253; 1008855823; 52839175; GD250005
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	2200	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					PASS	Not Present	

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04/25/26
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Amalfi Coast
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



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Sample: NA60416002-005

Batch #: AMAL260327-3-1A2
Harvest/Lot ID: AMAL260327-3-1A2
Seed to sale: 1A40A030000012E000122015

Ordered: 04/16/26
Sampled: 04/16/26
Completed: 04/25/26

PASSED

Microbial

PASSED

ANALYTES		UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 388, 157, 1545		Weight: 0.9568g	Extraction date: 04/17/26 09:25:37			Extracted by: 388,572		
Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA								
Analytical Batch : NA027176MIC								
Instrument Used : NA-PCR-001 (Microbial)				Batch Date : 04/16/26 17:25:15				
Analyzed Date : 04/21/26 15:28:40								
Dilution : 900								
Reagent : N/A								
Consumables : 8847202-2441; 08/09/22; 601537; 13242; 01426011; 2550528; 072425CH02; 021506; 377508; 008511; 2560608; X002BSDL8D; MKDB5713; 540563; 25494; 25/06/27; 0002525; 0002680; 7588004071; WO4586; WO4454; WO5050; 0002284; 0002044; 0002441; 0002430; 0002261; WO5170; WO4316; WO3882; WO4135; 7810004019; 0002302; 0002092; WO5024; WO4768; 0002094; 0002093; 0000652134; 0000652115; 0000630117; 1010929522; 1010204253; 1010550878; 1010818420								
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); 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	
TOTAL AFLATOXINS		ppb	1.820	5.000	20	PASS	ND	
Analyzed by: 139, 157, 1545		Weight: 0.4891g	Extraction date: 04/18/26 17:57:11				Extracted by: 139,1134	
Analysis Method : SOP.T.40.104.MA								
Analytical Batch : NAO27246MYC								
Instrument Used : NA-LCMS-001 (MYC)								
Batch Date : 04/19/26 12:48:18								
Analyzed Date : 04/22/26 19:56:01								
Dilution : 12.5								
Reagent : 041626.R04; 030725.01; 041426.R04; 041726.R08; 041223.11; 040826.R10; 041826.R03; 041726.R06; 041026.R03; 021826.R01								
Consumables : 1008897309; 9291.043; 9479291.114; 6881027; 1010204253; 1008855823; 52839175; GD250005; USEEN02615; 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		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	ND	
MERCURY		ppb	3.400	5.000	100	PASS	<5.000	
LEAD		ppb	8.850	10.000	500	PASS	ND	

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Type: Flower-Cured



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Completed: 04/25/26

PASSED



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 1391, 157, 1545	Weight: 0.3135g	Extraction date: 04/19/26 14:25:30				Extracted by: 990,1391	
Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA							
Analytical Batch : NA027180HEA							
Instrument Used : NA-ICPMS-001,NA-ICPMS-002,NA-340 Multiwave 7301 Digester							
Batch Date : 04/17/26 10:52:02							
Analyzed Date : 04/22/26 19:50:53							
Dilution : 50							
Reagent : 062824.02; 062824.03; 020826.01; 040226.R06; 040726.R07; 022426.09; 110425.01; 030725.01; 022726.08; 032726.01							
Consumables : L205125M; 13242; 13216; 1008855823; GD250005; 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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