



# Certificate of Analysis

**PASSED**



**Batch #:** LEDB1.R17.BAPO.07.17.25 (3)  
**Production Method:** Cured  
**Servings:** 1  
**Metric Package #:**  
1A40A0300009E99000128495  
**Metric Source Package #:**  
1A40A0300009E99000128452











**Lab ID:** NA50806006-055  
**Ordered:** 08/06/25  
**Sample Date:** 08/06/25  
**Sample Size:** 7.2 gram  
**Completed:** 08/13/25  
**Manifest #:** 0002982458

## Northeast Alternatives - Massachusetts

999 William Canning Blvd.  
Fall River, MA, 02721, US  
License #: MC282112

### SAFETY RESULTS

### MISC.

									
<b>Pesticide</b> <b>PASSED</b>	<b>Heavy Metals</b> <b>PASSED</b>	<b>Microbial</b> <b>PASSED</b>	<b>Mycotoxins</b> <b>PASSED</b>	<b>Solvents</b> <b>NOT TESTED</b>	<b>Filtration/Foreign Material</b> <b>NOT TESTED</b>	<b>Water Activity</b> <b>NOT TESTED</b>	<b>Moisture Content</b> <b>NOT TESTED</b>	<b>Vitamin E</b> <b>NOT TESTED</b>	<b>Terpenes</b> <b>TESTED</b>



## Cannabinoid

**PASSED**



**Total THC**  
**23.5264%**



**Total CBD**  
**ND**



**Total Cannabinoids**  
**27.5118%**

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBN	CBG	CBGA	THCVA	THCV	CBDV	CBC	D8-THC
%	27.5118	24.1578	23.5264	ND	26.5481	0.2437	ND	ND	ND	ND	0.7200	ND	ND	ND	ND	ND
mg/g	275.1180	241.5783	235.2635	ND	265.4807	2.4370	ND	ND	ND	ND	7.2004	ND	ND	ND	ND	ND
LOD	0.1	0.001	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
LOQ	0.1	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
990, 1172

Weight:  
0.1991g

Extraction date:  
08/09/25 20:44:20

Extracted by:  
735,990

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

Analytical Batch : NA020236POT

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

Analyzed Date : 08/13/25 10:52:49

Batch Date : 08/06/25 15:56:50

Dilution : 400

Reagent : N/A

Consumables : N/A

Pipette : N/A

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	0.02	0.02		TESTED	1.831	18.310	
BETA-CARYOPHYLLENE	0.02	0.02		TESTED	0.532	5.320	
LIMONENE	0.02	0.02		TESTED	0.409	4.090	
LINALOOL	0.02	0.02		TESTED	0.247	2.470	
ALPHA-HUMULENE	0.02	0.02		TESTED	0.214	2.140	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. RSD=Relative Standard Deviation. Action Levels are State determined thresholds based on the QAPP and Bulletins issued by the CCC. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU.

**Margaret Teasdale**

Lab Director

State License #  
IL281349  
ISO 17025  
Accreditation # 97164



Signature  
08/13/25  
Laboratory License #:  
IL281349



# Certificate of Analysis


Northeast Alternatives - Massachusetts Sample: NA50806006-055

999 William Canning Blvd.  
Fall River, MA, 02721, US  
License #: MC282112

Batch #: LEDB1.R17.BAPO.07.17.25 (3)  
Seed to sale: 1A40A0300009E99000128495

Ordered: 08/06/25  
Sampled: 08/06/25  
Completed: 08/13/25

**PASSED**



## Terpenes

TESTED


ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
BETA-PINENE	0.02	0.02		TESTED	0.075	0.750	
FARNESENE	0.02	0.02		TESTED	0.065	0.650	
ALPHA-TERPINEOL	0.02	0.02		TESTED	0.050	0.500	
FENCHYL ALCOHOL	0.02	0.02		TESTED	0.049	0.490	
ALPHA-BISABOLOL	0.02	0.02		TESTED	0.045	0.450	
ALPHA-PINENE	0.02	0.02		TESTED	0.041	0.410	
BETA-MYRCENE	0.02	0.02		TESTED	0.028	0.280	
TERPINOLENE	0.02	0.02		TESTED	0.026	0.260	
TRANS-NEROLIDOL	0.02	0.02		TESTED	0.026	0.260	
CARYOPHYLLENE OXIDE	0.02	0.02		TESTED	0.024	0.240	
3-CARENE	0.02	0.02		TESTED	ND	ND	
BORNEOL	0.02	0.02		TESTED	ND	ND	
CAMPHENE	0.02	0.02		TESTED	ND	ND	
CAMPHOR	0.02	0.02		TESTED	ND	ND	
CEDROL	0.002	0.02		TESTED	ND	ND	
EUCALYPTOL	0.02	0.02		TESTED	ND	ND	
FENCHONE	0.02	0.02		TESTED	ND	ND	
GERANIOL	0.02	0.02		TESTED	ND	ND	
GERANYL ACETATE	0.02	0.02		TESTED	ND	ND	
GUAJOL	0.02	0.02		TESTED	ND	ND	
HEXAHYDROTHYMOL	0.02	0.02		TESTED	ND	ND	
ISOBORNEOL	0.02	0.02		TESTED	ND	ND	
ISOPULEGOL	0.02	0.02		TESTED	ND	ND	
NEROL	0.02	0.02		TESTED	ND	ND	
OCIMENE	0.02	0.02		TESTED	ND	ND	
PULEGONE	0.02	0.02		TESTED	ND	ND	
SABINENE	0.02	0.02		TESTED	ND	ND	
SABINENE HYDRATE	0.02	0.02		TESTED	ND	ND	
VALENCENE	0.02	0.02		TESTED	ND	ND	
ALPHA-CEDRENE	0.02	0.02		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0.02	0.02		TESTED	ND	ND	
ALPHA-TERPINENE	0.02	0.02		TESTED	ND	ND	
CIS-NEROLIDOL	0.02	0.02		TESTED	ND	ND	
GAMMA-TERPINENE	0.02	0.02		TESTED	ND	ND	
P-CYMENE	0.02	0.02		TESTED	ND	ND	

Analyzed by: 414, 623, 990, 1172      Weight: 0.4797g      Extraction date: 08/11/25 12:34:11      Extracted by: 414,623

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA  
 Analytical Batch : NA020262TER  
 Instrument Used : NA-GCMS-004 (Terpenes)      Batch Date : 08/07/25 11:13:24  
 Analyzed Date : 08/13/25 10:55:13

Dilution : 10  
 Reagent : 082624.04; 012125.04; 062025.15; 073125.R03  
 Consumables : 101924CK01; 20220108; 9291.246; 947.246; 5501128; 4052-629; 1008855823; 1009206457; GD240003; 333050240  
 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	2.24	10	10	PASS	ND	
BIFENAZATE	ppb	2.46	10	10	PASS	ND	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. RSD=Relative Standard Deviation. Action Levels are State determined thresholds based on the QAPP and Bulletins issued by the CCC. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU.

**Margaret Teasdale**

Lab Director



State License #  
IL281349  
ISO 17025  
Accreditation # 97164

Signature  
08/13/25  
Laboratory License #:  
IL281349



# Certificate of Analysis

Northeast Alternatives - Massachusetts Sample: NA50806006-055

999 William Canning Blvd.  
Fall River, MA, 02721, US  
License #: MC282112

Batch #: LEDB1.R17.BAPO.07.17.25 (3)  
Seed to sale: 1A40A0300009E99000128495

Ordered: 08/06/25  
Sampled: 08/06/25  
Completed: 08/13/25

**PASSED**



## Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ETOXAZOLE	ppb	1.79	10	10	PASS	ND	
IMAZALIL	ppb	3.05	10	10	PASS	ND	
IMIDACLOPRID	ppb	1.86	10	10	PASS	ND	
MYCLOBUTANIL	ppb	2.9	10	10	PASS	ND	
SPIROMESIFEN	ppb	2.97	10	10	PASS	ND	
TRIFLOXYSTROBIN	ppb	1.56	10	10	PASS	ND	
CYFLUTHRIN	ppb	3.75	10	10	PASS	ND	

Analyzed by: 139, 414, 1172	Weight: 0.4366g	Extraction date: 08/08/25 14:33:14	Extracted by: 795
--------------------------------	--------------------	---------------------------------------	----------------------

Analysis Method : SOP.T.40.104.MA  
 Analytical Batch : NA020241PES  
 Instrument Used : NA-LCMS-003 (Pesticides) Batch Date : 08/06/25 17:27:49  
 Analyzed Date : 08/13/25 09:19:30

Dilution : 12.5  
 Reagent : 080725.R07; 082624.04; 071925.R01; 080625.R03; 060922.01; 072925.R01  
 Consumables : MO0250110042; 9291.246; 947.246; 5501128; 12LCM1211R91; 1008855823; 251905; GD240003  
 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: 139, 414, 1172	Weight: 0.4366g	Extraction date: 08/08/25 14:33:14	Extracted by: 795
--------------------------------	--------------------	---------------------------------------	----------------------

Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA  
 Analytical Batch : NA020328VOL  
 Instrument Used : NA-GCMS-007 (Volatile Pesticide) Batch Date : 08/09/25 10:34:35  
 Analyzed Date : 08/13/25 09:21:34

Dilution : 12.5  
 Reagent : 080725.R07; 082624.04; 071925.R01; 080625.R03; 060922.01; 072925.R01  
 Consumables : MO0250110042; 9291.246; 947.246; 5501128; 12LCM1211R91; 1008855823; 251905; GD240003  
 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	100000	PASS	100.0000	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	1000	PASS	ND	
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	<100	
ESCHERICHIA COLI SPECIFIC GENE		2000	2000	2000	PASS	Not Present	
SALMONELLA SPECIFIC GENE		10000	10000	10000	PASS	Not Present	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LOD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. RSD=Relative Standard Deviation. Action Levels are State determined thresholds based on the QAPP and Bulletins issued by the CCC. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU.

**Margaret Teasdale**  
Lab Director



State License #  
IL281349  
ISO 17025  
Accreditation # 97164

Signature  
08/13/25  
Laboratory License #:  
IL281349



# Certificate of Analysis

**Northeast Alternatives - Massachusetts Sample: NA50806006-055**

999 William Canning Blvd.  
Fall River, MA, 02721, US  
License # : MC282112

Batch #: LEDB1.R17.BAPO.07.17.25 (3)  
Seed to sale: 1A40A0300009E99000128495

Ordered: 08/06/25  
Sampled: 08/06/25  
Completed: 08/13/25

**PASSED**



## Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
----------	------	-----	-----	-------	-----------	--------	-----------

Analyzed by: 711, 990, 1172	Weight: 1.1384g	Extraction date: 08/07/25 15:37:42	Extracted by: 388,870
--------------------------------	--------------------	---------------------------------------	--------------------------

Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA  
 Analytical Batch : NA020253MIC  
 Instrument Used : NA-PCR-001 (Microbial) Batch Date : 08/06/25 18:52:08  
 Analyzed Date : 08/13/25 10:50:20

Dilution : 900  
 Reagent : 072225.R03; 051425.R06; 053025.05; 052725.05; 062725.10  
 Consumables : 418324275A; 8847202-2441; 2401051; 08/09/22; BEL-13166-0001; 01525385; 5501128; 13086-520CD-520D; 018406; 354407; 3730916; 50RWM0911W83; X002BSDL8D; 3110; 446445; 25014; 24/10/10; 0002043; 0002148; 7584001077; 7585001013; WO3999; WO3960; WO4585; 0001889; 0001891; 0001858; 0001201; 0001951; 0002015; 7809002053; 0001665; 0001528; WO4603; WO4413; 0001665; 0001665; 0000581411; 0000581319; 0000581413; 1009718027; 12LCM1211R91; 1010283822; 1009389879  
 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-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-211 Micro bottle top dispenser; NA-318 (P-1000, micro); NA-234 Micro bottle top dispenser; NA-235 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	2.01	5	20	PASS	ND	
AFLATOXIN B2	ppb	1.96	5	20	PASS	ND	
AFLATOXIN G1	ppb	1.82	5	20	PASS	ND	
AFLATOXIN G2	ppb	2.1	5	20	PASS	ND	
OCHRATOXIN A	ppb	2.19	5	20	PASS	ND	
TOTAL AFLATOXINS	ppb	1.82	5	20	PASS	ND	

Analyzed by: 139, 414, 1172	Weight: 0.4366g	Extraction date: 08/08/25 14:33:14	Extracted by: 795
--------------------------------	--------------------	---------------------------------------	----------------------

Analysis Method : SOP.T.40.104.MA  
 Analytical Batch : NA020329MYC  
 Instrument Used : NA-LCMS-003 (MYC) Batch Date : 08/09/25 10:35:28  
 Analyzed Date : 08/13/25 09:16:09

Dilution : 12.5  
 Reagent : 080725.R07; 082624.04; 071925.R01; 080625.R03; 060922.01; 072925.R01; 080525.R01; 072825.R01; 080525.R02; 073125.R01  
 Consumables : M00250110042; 9291.246; 947.246; 5501128; 12LCM1211R91; 1008855823; 251905; GD240003; USEEN02432; USEEZ04286  
 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	5.45	10	200	PASS	<10	
CADMIUM	ppb	5.5	10	200	PASS	ND	
MERCURY	ppb	3.4	5	100	PASS	ND	
LEAD	ppb	8	10	500	PASS	ND	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. RSD=Relative Standard Deviation. Action Levels are State determined thresholds based on the QAPP and Bulletins issued by the CCC. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU.

**Margaret Teasdale**  
Lab Director



State License #  
IL281349  
ISO 17025  
Accreditation # 97164

Signature  
08/13/25  
Laboratory License #: IL281349



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

Kaycha Labs

M00003688121: Trim - Bulk - Babby Powder - Indica  
Babby Powder  
Matrix: Plant Material  
Classification: Raw Plant Material  
Type: Trim



# Certificate of Analysis

Pages 5 of 5

**Northeast Alternatives - Massachusetts Sample: NA50806006-055**

999 William Canning Blvd.  
Fall River, MA, 02721, US  
License # : MC282112

Batch #: LEDB1.R17.BAPO.07.17.25 (3)  
Seed to sale: 1A40A0300009E99000128495

Ordered: 08/06/25  
Sampled: 08/06/25  
Completed: 08/13/25

**PASSED**

<b>Hg</b>	<b>Heavy Metals</b>	<b>PASSED</b>
-----------	---------------------	---------------

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
<b>Analyzed by:</b> 990, 1172  <b>Weight:</b> 0.4871g  <b>Analysis Method :</b> SOP.T.30.084.MA, SOP.T.40.084.MA <b>Analytical Batch :</b> NA020269HEA <b>Instrument Used :</b> NA-ICPMS-002 <b>Analyzed Date :</b> 08/13/25 10:39:48  <b>Dilution :</b> N/A <b>Reagent :</b> 062824.02; 050225.01; 080125.R04; 071725.R39; 071725.R40; 080125.R06; 110823.01; 071525.02; 040325.01 <b>Consumables :</b> L205125M; 13086-520CD-520D; 1008855823; 1009206457; GD240008 <b>Pipette :</b> NA-012 (P-200); NA-005 (P-200, micro)						<b>Extraction date:</b> 08/12/25 13:43:42  <b>Batch Date :</b> 08/07/25 11:29:50  <b>Extracted by:</b> 572	

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.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. RSD=Relative Standard Deviation. Action Levels are State determined thresholds based on the QAPP and Bulletins issued by the CCC. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU.

**Margaret Teasdale**  
Lab Director

State License #  
IL281349  
ISO 17025  
Accreditation # 97164

Signature  
08/13/25  
**Laboratory License #:**  
IL281349