



Certificate of Analysis

Pages 1 of 5

PASSED



Batch #: 250924MDCF202-17e
Production Method: Cured
Servings: 1
Metric Package #:
1A40A0300000641000016873
Metric Source Package #:
1A40A0300000641000016865

Lab ID: NA51218004-013
Ordered: 12/18/25
Sampled Date: 12/18/25
Sample Size: 8 gram
Completed: 12/26/25
Manifest #: 0003116808

Berkshire Roots, Inc. - Massachusetts

501A Dalton Ave
Pittsfield, MA, 01201, US
BerkshireRoots.com
License #: MC281590



SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
NOT TESTED



Filtration/Foreign
Material
NOT TESTED



Water Activity
TESTED



Moisture
Content
NOT TESTED



Vitamin E
NOT TESTED



Terpenes
TESTED



Cannabinoid

PASSED



Total THC
21.9401%



Total CBD
ND



Total Cannabinoids
25.6347%

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBN	CBG
%	25.6347	22.5222	21.9401	ND	24.6404	0.3305	0.1104	ND	ND	ND	0.1707	ND	0.3827	ND	ND	ND
mg/g	256.3466	225.2225	219.4011	ND	246.4040	3.3048	1.1043	ND	ND	ND	1.7068	ND	3.8267	ND	ND	ND
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	0.0010	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
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
990, 1172

Weight:
0.1985g

Extraction date:
12/23/25 18:17:43

Extracted by:
1280

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

Analytical Batch: NA023923POT

Instrument Used: NA-HPLC-003 (Potency - Flower)

Analyzed Date: 12/25/25 22:11:23

Batch Date: 12/18/25 14:44:31

Dilution: 400

Reagent: 100724.02; 121825.10; 030725.01; 111325.06; 110325.R03; 110325.R04; 121125.R05; 122325.R05; 120125.R02

Consumables: 010924CK01; 9291.023; 9479291.023; 070125CH01; 04504082; 1008646012; 1008855823; 210118R; 220215E-15; GD25001; 2508041; 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	1.909	19.090	
LIMONENE	0.020	0.020		TESTED	0.557	5.570	
BETA-CARYOPHYLLENE	0.020	0.020		TESTED	0.502	5.020	
BETA-MYRCENE	0.020	0.020		TESTED	0.274	2.740	

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
12/26/25
Laboratory License #:
IL281349



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

Kaycha Labs

M00001383132: Mandarin Cookies Small Buds
Strain: Mandarin Cookies
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 2 of 5

Berkshire Roots, Inc. - Massachusetts

Sample: NA51218004-013

501A Dalton Ave
Pittsfield, MA, 01201, US
BerkshireRoots.com
License #: MC281590

Batch #: 250924MDCF202-17e
Seed to sale: 1A40A0300000641000016873

Ordered: 12/18/25
Sampled: 12/18/25
Completed: 12/26/25

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
ALPHA-HUMULENE	0.020	0.020		TESTED	0.139	1.390	
LINALOOL	0.020	0.020		TESTED	0.103	1.030	
BETA-PINENE	0.020	0.020		TESTED	0.085	0.850	
FARNESENE	0.020	0.020		TESTED	0.058	0.580	
ALPHA-PINENE	0.020	0.020		TESTED	0.055	0.550	
FENCHYL ALCOHOL	0.020	0.020		TESTED	0.051	0.510	
ALPHA-TERPINEOL	0.020	0.020		TESTED	0.048	0.480	
ALPHA-BISABOLOL	0.020	0.020		TESTED	0.037	0.370	
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-CEDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-PHELLANDRENE	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	
TRANS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	

Analyzed by: 623, 990, 1172 Weight: 0.508g Extraction date: 12/21/25 10:49:59 Extracted by: 1426,623

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

Analytical Batch : NA023943TER

Instrument Used : NA-GCMS-004 (Terpenes)

Batch Date : 12/19/25 08:27:53

Analyzed Date : 12/25/25 22:11:33

Dilution : 10

Reagent : 102925.13; 122325.R03; 030725.01; 111925.12

Consumables : 010924CK01; 9291.023; 9479291.023; 250208-634-A; 04502058; IP250.077; 1008855823; 1008897313; GD25001; 331090163

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.

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
12/26/25
Laboratory License #:
IL281349



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

Kaycha Labs

.....
M00001383132: Mandarin Cookies Small Buds
Strain: Mandarin Cookies
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 3 of 5

Berkshire Roots, Inc. - Massachusetts

Sample: NA51218004-013

501A Dalton Ave
Pittsfield, MA, 01201, US
BerkshireRoots.com
License # : MC281590

Batch #: 250924MDCF202-17e
Seed to sale: 1A40A0300000641000016873

Ordered: 12/18/25
Sampled: 12/18/25
Completed: 12/26/25

PASSED



Pesticide

PASSED

ANALYTES

	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BIFENTHRIN	ppb	2.240	10.000	10	PASS	ND	
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, 990, 1172

Weight:
0.4871g

Extraction date:
12/23/25 08:42:11

Extracted by:
1241,1392

Analysis Method : SOP.T.40.104.MA

Analytical Batch : NA023937PES

Instrument Used : NA-LCMS-003 (Pesticides)

Analyzed Date : 12/25/25 22:10:18

Batch Date : 12/18/25 19:50:00

Dilution : 12.5

Reagent : 122225.R09; 030725.01; 120125.R03; 122025.R06; 060922.01; 120625.R01; 121125.R06; 120225.R08; 122025.R01; 110725.R02

Consumables : MO00250508054; 9291.023; 9479291.023; 250208-634-A; 1008855823; 1008897313; GD25001; USEEN02615; USEEZ04346

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, 990, 1172

Weight:
0.4871g

Extraction date:
12/23/25 08:42:11

Extracted by:
1241,1392

Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA

Analytical Batch : NA024038VOL

Instrument Used : NA-GCMS-007 (Volatile Pesticide)

Analyzed Date : 12/25/25 22:12:01

Batch Date : 12/23/25 12:38:35

Dilution : 12.5

Reagent : 122225.R09; 030725.01; 120125.R03; 122025.R06; 060922.01; 120625.R01

Consumables : MO00250508054; 9291.023; 9479291.023; 250208-634-A; 1008855823; 1008897313; GD25001

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	ND	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	1000	PASS	ND	
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	780	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					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
12/26/25
Laboratory License #:
IL281349



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

Kaycha Labs

.....
M00001383132: Mandarin Cookies Small Buds
Strain: Mandarin Cookies
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 4 of 5

Berkshire Roots, Inc. - Massachusetts

Sample: NA51218004-013

501A Dalton Ave
Pittsfield, MA, 01201, US
BerkshireRoots.com
License # : MC281590

Batch #: 250924MDCF202-17e
Seed to sale: 1A40A0300000641000016873

Ordered: 12/18/25
Sampled: 12/18/25
Completed: 12/26/25

PASSED



Microbial

PASSED

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

Analyzed by: 870, 414, 1172	Weight: 1.0439g	Extraction date: 12/19/25 11:33:36	Extracted by: 711,1446
--------------------------------	--------------------	---------------------------------------	---------------------------

Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA

Analytical Batch : NA023915MIC

Instrument Used : NA-PCR-001 (Microbial)

Batch Date : 12/18/25 13:57:12

Analyzed Date : 12/24/25 10:40:16

Dilution : 900

Reagent : 051724.01; 102125.06; 110125.01

Consumables : 418325095D; 8847202-2441; 08/09/22; PG1727; BEL-13166-0001; 13175; 250208-634-A; 020506; 364502; 0820226; 50RWM0911W83; X002BSDL8D; 3110; 446447; 25104; 25/06/27; 0002276; 0002354; 7586003012; 7586003050; WO4544; WO4228; WO4922; 0002056; 0002176; 0001353; 0002057; 7809003055; 7809004028; 0002089; 0001896; WO4884; WO4768; 0001968; 0002303; 0000630072; 0000581319; 0000581413; 1009944804; 1010204253; 1010571396; 1010314389

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-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-332 micro bottle top dispenser; 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	1.960	5.000	20	PASS	ND	
AFLATOXIN G1	ppb	1.820	5.000	20	PASS	ND	
AFLATOXIN G2	ppb	2.100	5.000	20	PASS	ND	
OCHRATOXIN A	ppb	2.190	5.000	20	PASS	ND	
TOTAL AFLATOXINS	ppb	1.820	5.000	20	PASS	ND	

Analyzed by: 139, 990, 1172	Weight: 0.4871g	Extraction date: 12/23/25 08:42:11	Extracted by: 1241,1392
--------------------------------	--------------------	---------------------------------------	----------------------------

Analysis Method : SOP.T.40.104.MA

Analytical Batch : NA024037MYC

Instrument Used : NA-LCMS-003 (MYC)

Batch Date : 12/23/25 12:37:38

Analyzed Date : 12/25/25 22:08:47

Dilution : 12.5

Reagent : 122225.R09; 030725.01; 120125.R03; 122025.R06; 060922.01; 120625.R01; 121125.R06; 120225.R08; 122025.R01; 110725.R02

Consumables : M000250508054; 9291.023; 9479291.023; 250208-634-A; 1008855823; 1008897313; GD25001; USEEN02615; USEEZ04346

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.



Water Activity

TESTED

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

WATER ACTIVITY	Aw	0.010	0.100		TESTED	0.443	
----------------	----	-------	-------	--	--------	-------	--

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
12/26/25
Laboratory License #:
IL281349



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

Kaycha Labs

M00001383132: Mandarin Cookies Small Buds
Strain: Mandarin Cookies
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 5 of 5

Berkshire Roots, Inc. - Massachusetts

Sample: NA51218004-013

501A Dalton Ave
Pittsfield, MA, 01201, US
BerkshireRoots.com
License #: MC281590

Batch #: 250924MDCF202-17e
Seed to sale: 1A40A0300000641000016873

Ordered: 12/18/25
Sampled: 12/18/25
Completed: 12/26/25

PASSED



Water Activity

TESTED

ANALYTES

UNIT LOD LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Analyzed by:
1352, 990, 1172

Weight:
NA

Extraction date:
N/A

Extracted by:
N/A

Analysis Method : SOP.T.40.019

Analytical Batch : NA023916WAT

Instrument Used : NA-055 HygroPalm HP23-AW, Rotronic HygroPalm Meter and Probe (NA-287 and NA-288)

Batch Date : 12/18/25 13:58:03

Analyzed Date : 12/25/25 22:13:50

Dilution : N/A

Reagent : N/A

Consumables : GD25001; PS-14

Pipette : N/A



Heavy Metals

PASSED

ANALYTES

UNIT LOD LOQ LIMIT PASS/FAIL RESULT QUALIFIER

ARSENIC

ppb

5.450

20.000

200

PASS

<20.000

CADMIUM

ppb

5.500

20.000

200

PASS

ND

MERCURY

ppb

3.400

5.000

100

PASS

ND

LEAD

ppb

8.000

20.000

500

PASS

ND

Analyzed by:
990, 414, 1172

Weight:
0.4388g

Extraction date:
12/22/25 12:32:05

Extracted by:
990, 1391

Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA

Analytical Batch : NA023936HEA

Instrument Used : NA-ICPMS-002

Batch Date : 12/18/25 19:34:12

Analyzed Date : 12/24/25 10:36:47

Dilution : 50

Reagent : 062824.02; 062824.03; 103125.01; 112025.R15; 122225.R01; 061025.10; 030725.01; 120525.19; 040325.01

Consumables : L205125M; 13175; 070125CH01; 1008855823; GD25001; 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.

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

Signature
12/26/25
Laboratory License #:
IL281349