



Issue Date: November 3, 2020

Q#	Lab Num	THC method	Answer
Q1. Storage conditions were not specified in the testing instructions. Specify your storage conditions for the Hemp PT samples from the time of receiving to completing analysis (eg. Glass amber bottle at room temperature, PT sample packets at -20 C)?			
Q1. 101	AOAC 2018.10		PT sample packets at -20 C
Q1. 102	Other LC-MS		At room temperature (about 21 degree C)
Q1. 105	Other LC-MS		PT sample packets, freezer
Q1. 106	Other LC-UV		Original container, refrigerated at 3 C
Q1. 107	AOAC 2018.11, UV		PT sample packets at room temperature in a dessicator
Q1. 108	AOAC 2018.11, UV		refrigerated and room temperature
Q1. 109	Other LC-UV		Received and stored at 4oC in PT Sample container. Allow to come to room temp prior to anal
Q1. 112	GC-FID		PT sample packets sealed, at room temp
Q1. 113	Other LC-UV		PT Sample packets at -8 C
Q1. 114	GC-FID		PT sample packets at room temp
Q1. 115	AOAC 2018.10		Pt samples packets stored at freezer
Q1. 116	GC-FID		Dark container - kept in -20C
Q1. 116	Other LC-UV		Dark container - kept in -20C
Q1. 118	Other LC-UV		Opaque Mylar sample storage bags
Q1. 119	Other LC-MS		4C refridgerator
Q1. 120	Other LC-MS		Stored at 0-4.5°C
Q1. 121	GC-FID		PT sample packets at -6 C
Q1. 122	Other LC-MS		PT sample packets at -20 C

Q#	Lab Num	THC method	Answer
Q1.	123	Other LC-UV	PT sample packets at room temp (20 C)
Q1.	124	Other LC-UV	PT sample packets at -20 C
Q1.	125	AOAC 2018.11, UV	PT sample packet at room temperature
Q1.	128	GC-FID	PT sample packets at room temperature
Q1.	131	AOAC 2018.10	Refrigerated 0-6 degree C
Q1.	132	Other LC-UV	PT sample pack at room temp
Q1.	132	Other	PT sample pack at room temp
Q1.	137	Other	PT sample packets at room temperature
Q1.	138	GC-FID	PT sample packets at room temperature
Q1.	141	Other LC-UV	Glass amber bottle at room temperature
Q1.	142	Other LC-UV	PT sample packet at 4C
Q1.	144	Other LC-UV	PT sample packets at 0 C
Q1.	145	Other LC-UV	PT Sample Packets at 4C
Q1.	148	AOAC 2018.10	In sample packets at -19 C
Q1.	149	Other LC-MS	Samples were stored at room temperature
Q1.	149	Other LC-UV	Samples were stored at room temperature
Q1.	150	Other LC-UV	TP Sample Packets at Room Temperature
Q1.	152	AOAC 2018.10	Sample packets at RT
Q1.	152	AOAC 2018.11, UV	Sample packets at RT
Q1.	153	GC-FID	PT Sample Packets at less than -20C
Q1.	154	Other	PT sample packets at -20C
Q1.	155	AOAC 2018.10	PT sample packets at Room Temp
Q1.	159	Other LC-MS	PT packets at -20C
Q1.	161	AOAC 2018.11, UV	room temperature
Q1.	162	Other LC-UV	16oz containers in paper bag at room temperature
Q1.	164	Other LC-MS	PT sample packets at 3-5 C
Q1.	165	Other LC-UV	PT Sample Packets at -20 C

Q#	Lab Num	THC method	Answer
Q1.	168	AOAC 2018.10	Ambient
Q1.	170	GC-FID	freezer
Q1.	172	Other	PT Sample Packets at -30C
Q1.	172	Other LC-UV	PT Sample Packets at -30C
Q1.	175	AOAC 2018.10	PT sample packets at room temperature
Q1.	178	Other LC-UV	PT sample packets at -20 C
Q1.	182	Other LC-UV	PT Sample Packets at refrigeration temperature, about 4 degrees Celsius
Q1.	183	Other	Samples were stored in sealed bags kept in a brown paper bag in room temperature cabinet.
Q1.	184	Other LC-UV	negative 80 C freezer
Q1.	185	GC-FID	4C +/- .05C
Q1.	186	Other LC-UV	PT sample packets at 5C
Q1.	188	Other LC-MS	PT sample packets at RT
Q1.	190	GC-FID	PT sample packets at RT
Q1.	191	Other LC-UV	plastic specimen jars wrapped in black duct tape, stored in freezer below 0 C
Q1.	192	Other LC-UV	PT Sample was kept in Amber Glass bottles at 4C
Q1.	194	Other LC-UV	PT Sample packets at Room Temp
Q1.	195	Other LC-UV	Locked cabinet at room temperature
Q1.	196	Other LC-UV	PT sample packets at -20 C
Q1.	197	Other LC-UV	Pt sample packets at <-10C
Q1.	198	Other LC-UV	sample packets at RT
Q1.	199	AOAC 2018.11, UV	room temperature; transferred to glass jar; reps done within 9 days
Q1.	200	Other LC-UV	Original container; room temperature
Q1.	201	Other LC-MS	PT sample packages at room temperature
Q1.	202	Other LC-UV	PT Packets at room temperature
Q1.	203	Other LC-UV	PT sample packets at room temperature
Q1.	204	Other LC-UV	-20C
Q1.	205	Other LC-UV	Clear Ziploc at ambient temperatures out of direct sunlight

Q#	Lab Num	THC method	Answer
Q1.	205	Other	Clear Ziploc at ambient temperatures out of direct sunlight
Q2. What extraction solvent did you use for cannabinoid extraction?			
Q2.	101	AOAC 2018.10	Methanol
Q2.	102	Other LC-MS	Methanol
Q2.	105	Other LC-MS	acetonitrile
Q2.	106	Other LC-UV	100% Methanol
Q2.	107	AOAC 2018.11, UV	Reagent alcohol
Q2.	108	AOAC 2018.11, UV	proprietary
Q2.	109	Other LC-UV	(9) Methanol : (1) Chloroform
Q2.	112	GC-FID	methanol
Q2.	113	Other LC-UV	Methanol
Q2.	114	GC-FID	methanol
Q2.	115	AOAC 2018.10	80/20 methanol/water
Q2.	116	Other LC-UV	methanol
Q2.	116	GC-FID	methanol
Q2.	118	Other LC-UV	Methanol (w/3000ppm ISTD)
Q2.	119	Other LC-MS	ACN:MeOH 80:20
Q2.	120	Other LC-MS	90:10 Methanol:Chloroform
Q2.	121	GC-FID	Methanol
Q2.	122	Other LC-MS	Methanol
Q2.	123	Other LC-UV	Methanol
Q2.	124	Other LC-UV	Acetonitrile
Q2.	125	AOAC 2018.11, UV	Reagent alcohol
Q2.	128	GC-FID	methanol
Q2.	131	AOAC 2018.10	Methanol

Q#	Lab Num	THC method	Answer
Q2.	132	Other	Acetonitrile
Q2.	132	Other LC-UV	Acetonitrile
Q2.	137	Other	methanol
Q2.	138	GC-FID	methanol
Q2.	141	Other LC-UV	90% methanol, 10% chloroform
Q2.	142	Other LC-UV	acetonitrile
Q2.	144	Other LC-UV	Methanol
Q2.	145	Other LC-UV	100% Methanol
Q2.	148	AOAC 2018.10	80-20 MeOH-water (%v/v)
Q2.	149	Other LC-UV	Methanol
Q2.	149	Other LC-MS	Methanol
Q2.	150	Other LC-UV	80% methanol, 20% water
Q2.	152	AOAC 2018.11, UV	Ethanol
Q2.	152	AOAC 2018.10	Ethanol
Q2.	153	GC-FID	Methanol
Q2.	154	Other	acetonitrile
Q2.	155	AOAC 2018.10	Methanol 80%
Q2.	159	Other LC-MS	85% MeOH, 15% water
Q2.	161	AOAC 2018.11, UV	ethanol
Q2.	162	Other LC-UV	HPLC-UV grade methanol
Q2.	164	Other LC-MS	methanol
Q2.	165	Other LC-UV	Methanol
Q2.	168	AOAC 2018.10	80% Methanol
Q2.	170	GC-FID	methanol
Q2.	172	Other LC-UV	Other LC-UV - Methanol : Other (1H qNMR) - Chloroform-D
Q2.	172	Other	Other LC-UV - Methanol : Other (1H qNMR) - Chloroform-D
Q2.	175	AOAC 2018.10	80% Methanol

Q#	Lab Num	THC method	Answer
Q2.	178	Other LC-UV	100% methanol
Q2.	182	Other LC-UV	10 + 10 mL Ethanol extraction; subsequent dilution with Methanol
Q2.	183	Other	Methanol
Q2.	184	Other LC-UV	100% Methanol
Q2.	185	GC-FID	Acetone
Q2.	186	Other LC-UV	100% Methanol
Q2.	188	Other LC-MS	Methanol
Q2.	190	GC-FID	Hexane
Q2.	191	Other LC-UV	MeOH
Q2.	192	Other LC-UV	Methanol
Q2.	194	Other LC-UV	9:1 Methanol:Chloroform v/v
Q2.	195	Other LC-UV	100% methanol
Q2.	196	Other LC-UV	Methanol
Q2.	197	Other LC-UV	Methanol
Q2.	198	Other LC-UV	methanol
Q2.	199	AOAC 2018.11, UV	ethanol
Q2.	200	Other LC-UV	Methanol
Q2.	201	Other LC-MS	Acetonitrile
Q2.	202	Other LC-UV	Methanol, 100%
Q2.	203	Other LC-UV	100% Methanol
Q2.	204	Other LC-UV	Methanol/Chloroform
Q2.	205	Other LC-UV	Methanol
Q2.	205	Other	Methanol

Q3. What extraction method did you use for cannabinoid extraction (eg., sonication, shaking, other)?

Q3. 101 AOAC 2018.10 sonication and centrifuge

Q#	Lab Num	THC method	Answer
Q3.	102	Other LC-MS	Shaking
Q3.	105	Other LC-MS	shaking
Q3.	106	Other LC-UV	Sonicated, Shaken, Centrifuged
Q3.	107	AOAC 2018.11, UV	Sonication
Q3.	108	AOAC 2018.11, UV	proprietary
Q3.	109	Other LC-UV	Sonication
Q3.	112	GC-FID	shaking on genogrinder
Q3.	113	Other LC-UV	Shaking
Q3.	114	GC-FID	shaking via Geno/Grinder
Q3.	115	AOAC 2018.10	sonication, shaking,
Q3.	116	GC-FID	shaking - Geno Grinder
Q3.	116	Other LC-UV	shaking - Geno Grinder
Q3.	118	Other LC-UV	Vortexing
Q3.	119	Other LC-MS	Vortex, Sonication
Q3.	120	Other LC-MS	Sonication
Q3.	121	GC-FID	Shaking
Q3.	122	Other LC-MS	sonication
Q3.	123	Other LC-UV	Vortex
Q3.	124	Other LC-UV	Sonication
Q3.	125	AOAC 2018.11, UV	Shaking
Q3.	128	GC-FID	vortex mixer for 60 seconds
Q3.	131	AOAC 2018.10	Shaking
Q3.	132	Other	sonication
Q3.	132	Other LC-UV	sonication
Q3.	137	Other	sonication and shaking
Q3.	138	GC-FID	shaking
Q3.	141	Other LC-UV	shaking

Q#	Lab Num	THC method	Answer
Q3.	142	Other LC-UV	sonication
Q3.	144	Other LC-UV	Sonication, shaking
Q3.	145	Other LC-UV	Vortexing and sonication
Q3.	148	AOAC 2018.10	Vortex for 30 sec. Sonicate for 15 min and vortex every 5 min. Centrifuge at 3000 g for 5 min.
Q3.	149	Other LC-UV	Shaking, Centrifuging
Q3.	149	Other LC-MS	Shaking, Centrifuging
Q3.	150	Other LC-UV	Shaking, 5 minutes
Q3.	152	AOAC 2018.11, UV	Sonication
Q3.	152	AOAC 2018.10	Sonication
Q3.	153	GC-FID	Shaking
Q3.	154	Other	sonication, centrifugation
Q3.	155	AOAC 2018.10	Geno Grinder
Q3.	159	Other LC-MS	Shaking, 1 hr
Q3.	161	AOAC 2018.11, UV	shaking
Q3.	162	Other LC-UV	Shaking via spex grinder
Q3.	164	Other LC-MS	homogenization on Genogrinder
Q3.	165	Other LC-UV	Shaking
Q3.	168	AOAC 2018.10	Sonication, vortex
Q3.	170	GC-FID	shaking with a genogrinder
Q3.	172	Other	Vortex for 2 minutes and Rocker for 30 Minutes
Q3.	172	Other LC-UV	Vortex for 2 minutes and Rocker for 30 Minutes
Q3.	175	AOAC 2018.10	sonication & vortex
Q3.	178	Other LC-UV	Shaking
Q3.	182	Other LC-UV	30 sec vortex; 5 minute ultrasonic bath; centrifuge and decant, all repeated twice
Q3.	183	Other	SPEX MiniG Ginder
Q3.	184	Other LC-UV	sonication and vortexing
Q3.	185	GC-FID	Sonication, Stir, Other

Q#	Lab Num	THC method	Answer
Q3.	186	Other LC-UV	shaking
Q3.	188	Other LC-MS	Vortexing, sonication, centrifugation
Q3.	190	GC-FID	centrifuged
Q3.	191	Other LC-UV	vortex, sonication
Q3.	192	Other LC-UV	shaking, sonication, centrifuge, filter
Q3.	194	Other LC-UV	Sonication/vortexing
Q3.	195	Other LC-UV	sonication
Q3.	196	Other LC-UV	Vortex mix
Q3.	197	Other LC-UV	Shaking
Q3.	198	Other LC-UV	sonication
Q3.	199	AOAC 2018.11, UV	shaking
Q3.	200	Other LC-UV	Shaking
Q3.	201	Other LC-MS	Sonication
Q3.	202	Other LC-UV	Rocking
Q3.	203	Other LC-UV	Sonication for 15 minutes at 50°C
Q3.	204	Other LC-UV	Shaking
Q3.	205	Other	Vortexing followed by sonication
Q3.	205	Other LC-UV	Vortexing followed by sonication

Q4 and Q5. What was your sample mass and extractant volume for cannabinoid analysis?

Q4.	101	AOAC 2018.10	mass (g): 0.1550 volume (mL): 15mL
Q4.	102	Other LC-MS	mass (g): 0.2 volume (mL): 40
Q4.	105	Other LC-MS	mass (g): 1 volume (mL): 40
Q4.	106	Other LC-UV	mass (g): 0.1 volume (mL): 10
Q4.	107	AOAC 2018.11, UV	mass (g): 0.2000 volume (mL): 20
Q4.	108	AOAC 2018.11, UV	mass (g): proprietary volume (mL): proprietary

Q#	Lab Num	THC method	Answer
Q4.	109	Other LC-UV	mass (g): ~ 0.125 volume (mL): 10
Q4.	112	GC-FID	mass (g): 0.20 volume (mL): 40
Q4.	113	Other LC-UV	mass (g): 0.5 volume (mL): 10
Q4.	114	GC-FID	mass (g): 0.20 volume (mL): 40
Q4.	115	AOAC 2018.10	mass (g): 0.2 g volume (mL): 25 mls
Q4.	116	GC-FID	mass (g): 0.2 g volume (mL): 40 mL
Q4.	116	Other LC-UV	mass (g): 0.2 g volume (mL): 40 mL
Q4.	118	Other LC-UV	mass (g): 1g volume (mL): 20mL
Q4.	119	Other LC-MS	mass (g): 0.2000 g volume (mL): 40 ml
Q4.	120	Other LC-MS	mass (g): 0.10 grams volume (mL): 5 ml
Q4.	121	GC-FID	mass (g): 0.2 volume (mL): 40
Q4.	122	Other LC-MS	mass (g): 0.1 volume (mL): 100
Q4.	123	Other LC-UV	mass (g): 2 volume (mL): 20
Q4.	124	Other LC-UV	mass (g): 1 g volume (mL): 10 mL
Q4.	125	AOAC 2018.11, UV	mass (g): 0.5 grams volume (mL): 10 mL
Q4.	128	GC-FID	mass (g): 0.2 volume (mL): 40
Q4.	131	AOAC 2018.10	mass (g): 0.5g volume (mL): 20mL
Q4.	132	Other	mass (g): 0.500 g volume (mL): 10 mL
Q4.	132	Other LC-UV	mass (g): 0.500 g volume (mL): 10 mL
Q4.	137	Other	mass (g): 0.5g volume (mL): 15ml
Q4.	138	GC-FID	mass (g): 0.5 g volume (mL): 20 mL
Q4.	141	Other LC-UV	mass (g): 0.2 volume (mL): 40
Q4.	142	Other LC-UV	mass (g): 0.3g volume (mL): 4mL
Q4.	144	Other LC-UV	mass (g): 1.1 volume (mL): 40
Q4.	145	Other LC-UV	mass (g): .06g volume (mL): 25mL
Q4.	148	AOAC 2018.10	mass (g): 0.20 volume (mL): 10
Q4.	149	Other LC-MS	mass (g): 0.20 volume (mL): 25

Q#	Lab Num	THC method	Answer
Q4.	149	Other LC-UV	mass (g): 0.20 volume (mL): 25
Q4.	150	Other LC-UV	mass (g): 0.5 volume (mL): 20
Q4.	152	AOAC 2018.11, UV	mass (g): 0.100 volume (mL): 10
Q4.	152	AOAC 2018.10	mass (g): 0.100 volume (mL): 10
Q4.	153	GC-FID	mass (g): 0.20 g volume (mL): 40 mL
Q4.	154	Other	mass (g): 1.0g volume (mL): 10mL
Q4.	155	AOAC 2018.10	mass (g): 0.2 volume (mL): 30
Q4.	159	Other LC-MS	mass (g): 200 mg volume (mL): 25 mL
Q4.	161	AOAC 2018.11, UV	mass (g): 0.5 volume (mL): 25
Q4.	162	Other LC-UV	mass (g): 0.200 volume (mL): 20
Q4.	164	Other LC-MS	mass (g): 0.2 volume (mL): 20
Q4.	165	Other LC-UV	mass (g): 0.25g volume (mL): 20
Q4.	168	AOAC 2018.10	mass (g): 1 gram volume (mL): 25 mL
Q4.	170	GC-FID	mass (g): 0.2 volume (mL): 32
Q4.	172	Other LC-UV	mass (g): LC-UV 0.050g : (1H qNMR) 0.075g volume (mL): LC-UV 10 ml : (1H qNMR) 1 ml
Q4.	172	Other	mass (g): LC-UV 0.050g : (1H qNMR) 0.075g volume (mL): LC-UV 10 ml : (1H qNMR) 1 ml
Q4.	175	AOAC 2018.10	mass (g): 0.200 volume (mL): 25
Q4.	178	Other LC-UV	mass (g): 0.5g volume (mL): 50
Q4.	182	Other LC-UV	mass (g): 0.5 volume (mL): 50 mL in EtOH; 1/25 dilution in MeOH
Q4.	183	Other	mass (g): 0.25 g volume (mL): 25 mL
Q4.	184	Other LC-UV	mass (g): 0.200 volume (mL): 25
Q4.	185	GC-FID	mass (g): .350 volume (mL): 40
Q4.	186	Other LC-UV	mass (g): 0.18 volume (mL): 20
Q4.	188	Other LC-MS	mass (g): 0.050g volume (mL): 5 mL
Q4.	190	GC-FID	mass (g): 0.1g volume (mL): 5ml
Q4.	191	Other LC-UV	mass (g): 0.150g volume (mL): 10mL
Q4.	192	Other LC-UV	mass (g): 0.2 volume (mL): 20 ml

Q#	Lab Num	THC method	Answer
Q4.	194	Other LC-UV	mass (g): 0.5 volume (mL): 40
Q4.	195	Other LC-UV	mass (g): 0.25 g volume (mL): 20 mL
Q4.	196	Other LC-UV	mass (g): 0.2 volume (mL): 10
Q4.	197	Other LC-UV	mass (g): 0.200 volume (mL): 20
Q4.	198	Other LC-UV	mass (g): 0.200 volume (mL): 20ml
Q4.	199	AOAC 2018.11, UV	mass (g): 0.50 volume (mL): 2-20.0 mL combined and diluted to 50.0mL
Q4.	200	Other LC-UV	mass (g): 0.2 volume (mL): 20
Q4.	201	Other LC-MS	mass (g): 0.5 grams volume (mL): 5 mL
Q4.	202	Other LC-UV	mass (g): 0.400 g volume (mL): 10 mL
Q4.	203	Other LC-UV	mass (g): approximately 0.110 g volume (mL): 10.0 mL
Q4.	204	Other LC-UV	mass (g): 2.000g volume (mL): 50ml
Q4.	205	Other LC-UV	mass (g): 0.250 volume (mL): 40
Q4.	205	Other	mass (g): 0.250 volume (mL): 40

Q6. Do you report total THC to your client on a dry weight basis?

Q6.	101	AOAC 2018.10	yes
Q6.	102	Other LC-MS	We report on dry weight basis
Q6.	105	Other LC-MS	yes
Q6.	106	Other LC-UV	yes
Q6.	107	AOAC 2018.11, UV	yes
Q6.	108	AOAC 2018.11, UV	yes
Q6.	109	Other LC-UV	yes
Q6.	112	GC-FID	yes
Q6.	113	Other LC-UV	No
Q6.	114	GC-FID	yes
Q6.	115	AOAC 2018.10	yes

Q#	Lab Num	THC method	Answer
Q6.	116	GC-FID	yes
Q6.	116	Other LC-UV	yes
Q6.	118	Other LC-UV	yes
Q6.	119	Other LC-MS	depends
Q6.	120	Other LC-MS	yes
Q6.	121	GC-FID	yes
Q6.	122	Other LC-MS	No
Q6.	123	Other LC-UV	yes
Q6.	124	Other LC-UV	No
Q6.	125	AOAC 2018.11, UV	yes
Q6.	128	GC-FID	yes
Q6.	131	AOAC 2018.10	yes
Q6.	132	Other LC-UV	No
Q6.	132	Other	No
Q6.	137	Other	yes
Q6.	138	GC-FID	yes
Q6.	141	Other LC-UV	no
Q6.	142	Other LC-UV	No
Q6.	144	Other LC-UV	yes
Q6.	145	Other LC-UV	yes
Q6.	148	AOAC 2018.10	No. Not currently reporting total THC.
Q6.	149	Other LC-UV	yes
Q6.	149	Other LC-MS	yes
Q6.	150	Other LC-UV	No
Q6.	152	AOAC 2018.11, UV	As Is
Q6.	152	AOAC 2018.10	As Is
Q6.	153	GC-FID	yes

Q#	Lab Num	THC method	Answer
Q6.	154	Other	yes
Q6.	155	AOAC 2018.10	no
Q6.	159	Other LC-MS	no
Q6.	161	AOAC 2018.11, UV	both dry and wet
Q6.	162	Other LC-UV	No
Q6.	164	Other LC-MS	Yes, however PT's are reported as received
Q6.	165	Other LC-UV	yes
Q6.	168	AOAC 2018.10	yes
Q6.	170	GC-FID	yes
Q6.	172	Other	yes
Q6.	172	Other LC-UV	yes
Q6.	175	AOAC 2018.10	yes
Q6.	178	Other LC-UV	yes
Q6.	182	Other LC-UV	yes
Q6.	183	Other	yes
Q6.	184	Other LC-UV	yes
Q6.	185	GC-FID	yes
Q6.	186	Other LC-UV	yes
Q6.	188	Other LC-MS	yes
Q6.	190	GC-FID	yes
Q6.	191	Other LC-UV	yes
Q6.	192	Other LC-UV	yes
Q6.	194	Other LC-UV	yes
Q6.	195	Other LC-UV	Assume 10% moisture in calculation
Q6.	196	Other LC-UV	yes
Q6.	197	Other LC-UV	yes
Q6.	198	Other LC-UV	yes

Q#	Lab Num	THC method	Answer
Q6.	199	AOAC 2018.11, UV	yes
Q6.	200	Other LC-UV	yes
Q6.	201	Other LC-MS	yes
Q6.	203	Other LC-UV	yes
Q6.	204	Other LC-UV	No
Q6.	205	Other	Any wet samples will be dried then tested/reported.
Q6.	205	Other LC-UV	Any wet samples will be dried then tested/reported.
Q7. If you determine measurement uncertainty, what is your expanded measurement uncertainty, U, for % total THC in hemp?			
Q7.	101	AOAC 2018.10	14%
Q7.	102	Other LC-MS	Close to 10% of the result
Q7.	107	AOAC 2018.11, UV	0.060
Q7.	108	AOAC 2018.11, UV	0.33
Q7.	109	Other LC-UV	TBD
Q7.	112	GC-FID	result*0.1124
Q7.	116	GC-FID	0.09%
Q7.	116	Other LC-UV	0.09%
Q7.	120	Other LC-MS	.1047
Q7.	121	GC-FID	19.55
Q7.	122	Other LC-MS	0.007
Q7.	124	Other LC-UV	0.0129
Q7.	125	AOAC 2018.11, UV	No
Q7.	128	GC-FID	30%
Q7.	132	Other LC-UV	0.00968
Q7.	132	Other	0.00968
Q7.	138	GC-FID	0.08%

Q#	Lab Num	THC method	Answer
Q7.	142	Other LC-UV	15%
Q7.	144	Other LC-UV	0.0453
Q7.	145	Other LC-UV	+/- 0.05%
Q7.	149	Other LC-UV	8.49%
Q7.	149	Other LC-MS	8.49%
Q7.	153	GC-FID	0.0782%
Q7.	154	Other	0.028%
Q7.	162	Other LC-UV	2.57%
Q7.	164	Other LC-MS	0.034%
Q7.	165	Other LC-UV	0.05%
Q7.	168	AOAC 2018.10	+/-0.02%
Q7.	170	GC-FID	50%
Q7.	182	Other LC-UV	Dry Weight: U =13.8%; k = 1.96
Q7.	183	Other	12
Q7.	184	Other LC-UV	0.104
Q7.	185	GC-FID	+/- 0.01
Q7.	188	Other LC-MS	0.115
Q7.	192	Other LC-UV	0.04
Q7.	196	Other LC-UV	Depends on D9THC:THCA ratio. D9THC U = 15.46%, THCA U = 13.76%
Q7.	197	Other LC-UV	0.040
Q7.	199	AOAC 2018.11, UV	not yet available
Q7.	200	Other LC-UV	7.0
Q7.	201	Other LC-MS	Estimated at 10% until MU study is completed
Q7.	205	Other LC-UV	+/- 3% on both THC and THCA
Q7.	205	Other	+/- 3% on both THC and THCA

Q#	Lab Num	THC method	Answer
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Q8. What digestion method did you use for metals (eg., microwave, hot-block, dry ash)?

Q8. 105	microwave
Q8. 122	microwave
Q8. 132	hot-block
Q8. 137	microwave
Q8. 141	microwave
Q8. 142	microwave
Q8. 162	Microwave
Q8. 168	microwave
Q8. 195	No digestion method, PIXE used
Q8. 196	Microwave
Q8. 197	Microwave
Q8. 201	Microwave
Q8. 202	Not applicable

Q9. What was your approximate mass of test portion for metals in grams (g)?

Q9. 105	0.5
Q9. 122	0.1
Q9. 132	0.500
Q9. 137	0.5-0.6g
Q9. 141	0.5
Q9. 142	0.1g
Q9. 162	0.200

Q#	Lab Num	THC method	Answer
Q9.	168		~0.8 grams
Q9.	195		1.0 g
Q9.	196		0.5
Q9.	197		0.500
Q9.	201		0.5g
Q9.	202		Not applicable

Q10. Specify the composition of the solution to digest hemp for metal analysis (eg. 4 mL of 70% HNO3 and 2 mL of ultrapure water).

Q10.	105		1 mL of water followed by 8 mL of HNO3 (70%) and 1 mL of H2O2 (hydrogen peroxide, 30%).
Q10.	132		1.5mL of 70% HNO3 and 20 mL nanopure water
Q10.	137		5ml DI water, 5ml HNO3 (70% HNO3)
Q10.	141		7 mL of 70% nitric acid and 3 mL of 30% hydrogen peroxide
Q10.	142		2mL of 45% HNO3, 5% HCl, 50% Ultrapur water
Q10.	162		3mL of Type 1 water and 1 mL 36.5-38% HCl trace metals analysis, 6mL of 69-70% HNO3 trace
Q10.	168		2 mL H2O, 10 mL HNO3, 0.5 mL H2O2
Q10.	196		8 mL 70% HNO3, 1 mL 35% HCl
Q10.	197		75%HNO3 25%HCl
Q10.	201		10 mL 70% Nitric Acid + 2 mL HCl
Q10.	202		Not applicable

Q11. What volume (in milliliters, mL) was the digestate diluted to for metals determination?

Q11.	105		100
Q11.	122		10
Q11.	132		20 mL

Q#	Lab Num	THC method	Answer
Q11. 137			20ml
Q11. 141			50 mL
Q11. 142			20mL
Q11. 162			50
Q11. 168			50 mL
Q11. 196			50
Q11. 197			50
Q11. 201			5 mL
Q11. 202			Not applicable

Q12. Does your lab have ISO 17025 accreditation?

Q12. 101	AOAC 2018.10	no
Q12. 105	Other LC-MS	yes
Q12. 106	Other LC-UV	No
Q12. 107	AOAC 2018.11, UV	No
Q12. 108	AOAC 2018.11, UV	yes
Q12. 112	GC-FID	in process
Q12. 113	Other LC-UV	yes
Q12. 114	GC-FID	yes
Q12. 115	AOAC 2018.10	no
Q12. 116	Other LC-UV	No
Q12. 116	GC-FID	No
Q12. 118	Other LC-UV	yes
Q12. 120	Other LC-MS	No
Q12. 121	GC-FID	yes
Q12. 122	Other LC-MS	yes

Q#	Lab Num	THC method	Answer
Q12. 123	Other LC-UV		yes
Q12. 124	Other LC-UV		yes
Q12. 125	AOAC 2018.11, UV		yes
Q12. 128	GC-FID		yes
Q12. 131	AOAC 2018.10	TNI 2016	
Q12. 132	Other LC-UV		yes
Q12. 132	Other		yes
Q12. 137	Other		yes
Q12. 138	GC-FID		yes
Q12. 141	Other LC-UV	no	
Q12. 142	Other LC-UV		yes
Q12. 144	Other LC-UV		yes
Q12. 145	Other LC-UV		yes
Q12. 148	AOAC 2018.10	No	
Q12. 149	Other LC-UV		yes
Q12. 149	Other LC-MS		yes
Q12. 150	Other LC-UV	No	
Q12. 152	AOAC 2018.11, UV	No	
Q12. 152	AOAC 2018.10	No	
Q12. 153	GC-FID		yes
Q12. 154	Other	No	
Q12. 155	AOAC 2018.10	no	
Q12. 159	Other LC-MS	No	
Q12. 161	AOAC 2018.11, UV		yes
Q12. 162	Other LC-UV		yes
Q12. 164	Other LC-MS		yes
Q12. 165	Other LC-UV		yes

Lab			
Q#	Num	THC method	Answer
Q12. 168	AOAC 2018.10		yes
Q12. 170	GC-FID		yes
Q12. 172	Other		No
Q12. 172	Other LC-UV		No
Q12. 175	AOAC 2018.10		yes
Q12. 182	Other LC-UV		yes
Q12. 183	Other		yes
Q12. 184	Other LC-UV		not for hemp
Q12. 185	GC-FID		A2LA - PENDING
Q12. 186	Other LC-UV		No
Q12. 188	Other LC-MS		no - but reveiwing
Q12. 190	GC-FID		yes
Q12. 191	Other LC-UV		yes
Q12. 192	Other LC-UV		NO
Q12. 194	Other LC-UV		yes
Q12. 195	Other LC-UV		No
Q12. 196	Other LC-UV		yes
Q12. 197	Other LC-UV		yes
Q12. 198	Other LC-UV		no
Q12. 199	AOAC 2018.11, UV		in-progress
Q12. 200	Other LC-UV		yes
Q12. 201	Other LC-MS		yes
Q12. 202	Other LC-UV		Not yet, expect to be evaluated soon.
Q12. 203	Other LC-UV		No
Q12. 204	Other LC-UV		NO
Q12. 205	Other LC-UV		No
Q12. 205	Other		No

Q#	Lab Num	THC method	Answer
Q13. If yes to Q12, is total THC in hemp within your scope of accreditation?			
Q13. 105	Other LC-MS		yes
Q13. 108	AOAC 2018.11, UV		yes
Q13. 112	GC-FID		no
Q13. 113	Other LC-UV		No
Q13. 114	GC-FID		no
Q13. 118	Other LC-UV		yes
Q13. 121	GC-FID		no
Q13. 122	Other LC-MS		yes
Q13. 123	Other LC-UV		yes
Q13. 124	Other LC-UV		yes
Q13. 125	AOAC 2018.11, UV		yes
Q13. 128	GC-FID		yes
Q13. 131	AOAC 2018.10		yes
Q13. 132	Other		yes
Q13. 132	Other LC-UV		yes
Q13. 137	Other		yes
Q13. 138	GC-FID		no
Q13. 142	Other LC-UV		yes
Q13. 144	Other LC-UV		yes
Q13. 145	Other LC-UV		yes
Q13. 149	Other LC-UV		yes
Q13. 149	Other LC-MS		yes
Q13. 153	GC-FID		yes
Q13. 154	Other		No

Q#	Lab Num	THC method	Answer
Q13. 161	AOAC 2018.11, UV		not for AOAC method
Q13. 162	Other LC-UV		yes
Q13. 164	Other LC-MS		yes
Q13. 165	Other LC-UV		yes
Q13. 168	AOAC 2018.10		No
Q13. 170	GC-FID		no
Q13. 175	AOAC 2018.10		yes
Q13. 182	Other LC-UV		Not yet, methods will be added in 2021 Site Visit
Q13. 183	Other		yes
Q13. 185	GC-FID		CANNABIS + HEMP
Q13. 190	GC-FID		no
Q13. 191	Other LC-UV		the method used in this PT is currently undergoing method validation
Q13. 194	Other LC-UV		yes
Q13. 196	Other LC-UV		yes
Q13. 197	Other LC-UV		yes
Q13. 199	AOAC 2018.11, UV		planned
Q13. 200	Other LC-UV		yes
Q13. 201	Other LC-MS		yes

Q14. If yes to Q12, is metals in hemp within your scope of accreditation?

Q14. 105	no
Q14. 112	no
Q14. 113	No
Q14. 118	yes
Q14. 121	no
Q14. 122	No

Lab Q#	Num	THC method	Answer
Q14. 123			No
Q14. 128			not yet
Q14. 132			No
Q14. 137			yes
Q14. 138			no
Q14. 142			yes
Q14. 149			No
Q14. 154			No
Q14. 161			not for AOAC method
Q14. 162			yes
Q14. 164			No
Q14. 168			No
Q14. 170			no
Q14. 175			yes
Q14. 182			No
Q14. 185			NO
Q14. 190			no
Q14. 196			yes
Q14. 197			Not yet; inspection set for Jan 2021 to add
Q14. 199			no
Q14. 200			No
Q14. 201			yes