

## 2025 Drug Analysis (Cannabis) Proficiency Test FTS-25-DRUG3 Summary Report

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**The Submission Deadline for this test was July 25, 2025**

*The test was manufactured by FTS at the FTS Laboratory Facility (127 W. Grand River Avenue, Williamston, MI 48895) and all activities were coordinated by Rebecca Smith (rsmith@forsci.com), Proficiency Test Program Manager. Ms. Smith is also authorizing the release of this report. This is the summary report issued on 8/12/25. FTS considers all reports confidential and does not release information regarding participant's results without authorization from that participant.*

### **Summary**

Test results were received in 71 of 78 tests distributed (91% response rate). Of the 71 respondents:

#### Item 1 (Unburnt cannabis flower/Delta-9-tetrahydrocannabinol)

71 of 71 (100%) reported that Item 1 contained Cannabis/Marijuana/Delta-9-tetrahydrocannabinol.

#### Item 2 (Burnt cannabis flower/Delta-9-tetrahydrocannabinol)

71 of 71 (100%) reported that Item 2 contained Cannabis/Marijuana/Delta-9-tetrahydrocannabinol.

1 of 71 (1%) also reported that Item 2 contained Cannabinol.

### **Manufacturer's Information**

All items were prepared in the same laboratory area at different times.

Item 1 was produced by grinding cannabis flower (Hello Farms – Gelato 41, High Profile Dispensary) using a grinder. ~0.3 gram of ground marijuana was weighed using a calibrated Mettler PB1502 balance. The material was packaged into a wax envelope and further packaged into a glassine envelope, sealed and labeled per FTS guidelines.

Item 2 was produced by grinding cannabis flower (Hello Farms – Gelato 41, High Profile Dispensary) using a grinder. In a glass dish, the ground marijuana was burned in small batches and stirred together to ensure that all plant material was evenly burnt. ~0.3 gram of ground, burnt marijuana was weighed using a calibrated Mettler PB1502 balance. The material was packaged into a wax envelope and further packaged into a glassine envelope, sealed and labeled per FTS guidelines.

Both items with matching UTICs were heatsealed together in an AMPAC envelope, sealed and labeled per FTS guidelines. The items were further packaged into a 6" x 9" manila envelope, sealed and labeled per FTS guidelines.

### **Assigned Value**

Proficiency tests under ISO 17043:2023 are assessed via comparison of the participant result to the assigned value of a proficiency test item or items. For quantitative tests, FTS determines the assigned

value based on statistical methods described in ISO 13528:2022. For qualitative tests, the FTS study coordinator determines the assigned value based on a number of factors, including product source information, internal and/or external pre-distribution laboratory analysis, and consensus of responses (consensus value).

Quality systems and laboratory reporting guidelines vary greatly from laboratory to laboratory, therefore participating laboratories and their accrediting bodies are responsible for the assessment of whether a reported result is an outlying result.

For this proficiency test, the following assigned values are based on source information which was then confirmed by laboratory analysis:

Item 1: Cannabis/THC/Delta-9-tetrahydrocannabinol

Item 2: Cannabis/THC/Delta-9-tetrahydrocannabinol

Please examine the questioned samples to identify any controlled substance(s) present.

**Items Submitted**

**Item 1:** Sample of questioned plant material.

**Item 2:** Sample of questioned plant material.

3) Indicate all methods used for analysis (select all that apply):

- A)  Macro/Microscopic Examinations
- B)  Chemical Spot Tests
- C)  GC/FID/TEA/ECD
- D)  GC/MS
- E)  Micro-crystal Tests
- F)  SEM/EDS
- G)  Thin Layer Chromatography
- H)  PLM
- I)  HPLC
- J)  IR/FTIR Analysis
- K)  ICP-MS
- L)  CE
- M)  HPLC/MS

N)  DART TOF-MS  
 O)  Raman Spectroscopy

UTIC	Webcode	Indicate all methods used for analysis (select all that apply):
p20252425	W182	GC/MS; Macro/Microscopic Examinations
p20252426	W012	Chemical Spot Tests; Macro/Microscopic Examinations; GC/MS
p20252427	W061	Macro/Microscopic Examinations; GC/MS
p20252428	W061	Macro/Microscopic Examinations; GC/MS
p20252430	W061	Macro/Microscopic Examinations; GC/MS
p20252431	W144	Chemical Spot Tests; Macro/Microscopic Examinations
p20252432	W193	Macro/Microscopic Examinations; GC/MS; Thin Layer Chromatography
p20252433	W132	GC/MS; Thin Layer Chromatography; Macro/Microscopic Examinations
p20252434	W114	Chemical Spot Tests; GC/MS
p20252435	W114	GC/FID/TEA/ECD; GC/MS; Macro/Microscopic Examinations; Chemical Spot Tests
p20252436	W114	GC/MS
p20252437	W114	Chemical Spot Tests; GC/MS
p20252438	W114	Chemical Spot Tests; GC/FID/TEA/ECD; GC/MS
p20252439	W114	Macro/Microscopic Examinations; Chemical Spot Tests; GC/FID/TEA/ECD; GC/MS
p20252440	W114	GC/MS; Macro/Microscopic Examinations; Chemical Spot Tests
p20252441	W114	GC/MS; Macro/Microscopic Examinations; Chemical Spot Tests
p20252442	W114	Chemical Spot Tests; GC/MS
p20252443	W114	Chemical Spot Tests; GC/MS
p20252444	W114	Macro/Microscopic Examinations; GC/MS
p20252445	W114	Chemical Spot Tests; GC/MS
p20252446	W114	Chemical Spot Tests; GC/FID/TEA/ECD; GC/MS
p20252447	W114	GC/MS; Macro/Microscopic Examinations; Chemical Spot Tests; GC/FID/TEA/ECD
p20252448	W114	Chemical Spot Tests; GC/MS
p20252449	W114	Chemical Spot Tests; GC/MS
p20252450	W114	Chemical Spot Tests; GC/MS; Macro/Microscopic Examinations; GC/FID/TEA/ECD
p20252451	W114	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252452	W114	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252453	W114	GC/MS; Chemical Spot Tests
p20252454	W114	Chemical Spot Tests; GC/MS
p20252455	W114	Chemical Spot Tests; GC/MS
p20252456	W114	Macro/Microscopic Examinations; Chemical Spot Tests; GC/FID/TEA/ECD; GC/MS
p20252457	W114	Chemical Spot Tests; GC/MS
p20252458	W114	Chemical Spot Tests; GC/MS

UTIC	Webcode	Indicate all methods used for analysis (select all that apply):
p20252459	W114	GC/MS; Macro/Microscopic Examinations; GC/FID/TEA/ECD; Chemical Spot Tests
p20252460	W114	GC/MS; Macro/Microscopic Examinations; Chemical Spot Tests
p20252461	W114	GC/MS; Chemical Spot Tests
p20252462	W114	Chemical Spot Tests; GC/MS
p20252463	W114	Chemical Spot Tests; GC/MS
p20252464	W114	GC/FID/TEA/ECD; GC/MS
p20252465	W114	Chemical Spot Tests; GC/MS
p20252466	W114	GC/MS; Chemical Spot Tests
p20252470	W187	Chemical Spot Tests; GC/MS
p20252471	W187	GC/MS
p20252472	W187	Chemical Spot Tests; GC/MS
p20252473	W268	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252474	W268	Macro/Microscopic Examinations; GC/MS
p20252475	W268	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252476	W268	Chemical Spot Tests; GC/MS
p20252477	W268	Chemical Spot Tests; GC/MS
p20252478	W268	Chemical Spot Tests; GC/MS
p20252479	W268	Chemical Spot Tests; GC/MS
p20252480	W222	Chemical Spot Tests; GC/MS
p20252481	W222	GC/MS; Chemical Spot Tests
p20252482	W222	Chemical Spot Tests; GC/FID/TEA/ECD; GC/MS
p20252483	W222	Chemical Spot Tests; GC/MS
p20252484	W222	Chemical Spot Tests; GC/MS
p20252487	W191	Chemical Spot Tests; GC/MS
p20252488	W191	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252489	W191	GC/MS; Chemical Spot Tests
p20252490	W191	Chemical Spot Tests; GC/MS
p20252491	W190	Chemical Spot Tests; GC/MS
p20252492	W190	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252493	W190	Chemical Spot Tests; GC/MS
p20252494	W190	GC/FID/TEA/ECD; GC/MS; Chemical Spot Tests
p20252495	W190	Chemical Spot Tests; GC/MS
p20252496	W190	Chemical Spot Tests; GC/MS
p20252497	W269	Macro/Microscopic Examinations; Chemical Spot Tests; GC/MS
p20252499	W214	GC/MS; Macro/Microscopic Examinations
p20252500	W098	GC/MS
p20252501	W004	GC/FID/TEA/ECD; GC/MS; Thin Layer Chromatography; Macro/Microscopic Examinations
p20252502	W004	Macro/Microscopic Examinations; GC/FID/TEA/ECD; GC/MS; Thin Layer Chromatography

4) Other methods used (if none, please enter "N/A"):

UTIC	Webcode	Other methods used
p20252425	W182	semi-quantitative via GC/MS
p20252426	W012	UV Spectroscopy
p20252436	W114	Duquenois-Levine test
p20252440	W114	Chemical Spot Test - Duquenois/Levine
p20252444	W114	Color Test
p20252446	W114	Weighing of plant material.
p20252452	W114	General Weighing
p20252464	W114	Duquenois-Levine Color Test
p20252471	W187	Duquenois/Levine test
p20252474	W268	Color Test - Duquenois-Levine
p20252494	W190	weight determination

5) Item 1

What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 1? Note: Please answer this question regardless of the legal status of the substance in your jurisdiction.

UTIC	Webcode	Item 1
What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 1?		
p20252425	W182	Marihuana (Cannabis)
p20252426	W012	Marihuana
p20252427	W061	Item found to contain cannabis leaf
p20252428	W061	Cannabis plant material
p20252430	W061	<i>Cannabis</i> plant material
p20252431	W144	Cannabis Sativa
p20252432	W193	Cannabis
p20252433	W132	Cannabis
p20252434	W114	Delta 9-Tetrahydrocannabinol
p20252435	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252436	W114	Cannabis (delta-9 tetrahydrocannabinol)
p20252437	W114	Delta-9 Tetrahydrocannabinol
p20252438	W114	Delta 9-Tetrahydrocannabinol
p20252439	W114	Cannabis (Delta 9 THC)
p20252440	W114	Delta 9-Tetrahydrocannabinol

UTIC	Webcode	Item 1
		What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 1?
p20252441	W114	Cannabis (Delta 9THC)
p20252442	W114	Delta 9 THC
p20252443	W114	Delta 9-THC
p20252444	W114	Delta 9 THC
p20252445	W114	delta 9 THC
p20252446	W114	Delta 9 Tetrahydrocannabinol.
p20252447	W114	Cannabis (Delta-9-Tetrahydrocannabinol)
p20252448	W114	Delta 9-Tetrahydrocannabinol
p20252449	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252450	W114	Delta 9-Tetrahydrocannabinol
p20252451	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252452	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252453	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252454	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252455	W114	Delta 9 - Tetrahydrocannabinol
p20252456	W114	Delta 9 Tetrahydrocannabinol
p20252457	W114	Delta 9 THC
p20252458	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252459	W114	delta-9 tetrahydrocannabinol (Cannabis)
p20252460	W114	Delta-9 THC [Cannabis]
p20252461	W114	Delta 9-Tetrahydrocannabinol
p20252462	W114	Delta 9-Tetrahydrocannabinol (Cannabis)
p20252463	W114	Cannabis (Delta 9 - Tetrahydrocannabinol)
p20252464	W114	Delta 9 Tetrahydrocannabinol
p20252465	W114	Delta 9 THC (Cannabis)
p20252466	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252470	W187	Delta 9-Tetrahydrocannabinol
p20252471	W187	Cannabis (Delta-9 THC)
p20252472	W187	Cannabis (Delta 9 - THC)
p20252473	W268	Delta 9 Tetrahydrocannabinol
p20252474	W268	delta 9-Tetrahydrocannabinol
p20252475	W268	Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252476	W268	Delta 9 THC
p20252477	W268	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252478	W268	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252479	W268	Delta 9-THC
p20252480	W222	Cannabis (Delta-9-tetrahydrocannabinol)
p20252481	W222	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252482	W222	Delta 9 THC

UTIC	Webcode	Item 1
What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 1?		
p20252483	W222	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252484	W222	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252487	W191	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252488	W191	Cannabis (Delta-9-Tetrahydrocannabinol)
p20252489	W191	Delta 9 Tetrahydrocannabinol
p20252490	W191	Delta 9-Tetrahydrocannabinol
p20252491	W190	Delta 9-Tetrahydrocannabinol (Delta 9 THC)
p20252492	W190	Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252493	W190	delta 9 THC
p20252494	W190	Delta-9-Tetrahydrocannabinol
p20252495	W190	delta 9 THC
p20252496	W190	Delta 9-Tetrahydrocannabinol (Delta 9 THC)
p20252497	W269	Delta-9-Tetrahydrocannabinol
p20252499	W214	Cannabis/THC
p20252500	W098	Delta-9-tetrahydrocannabinol
p20252501	W004	Marijuana
p20252502	W004	Marijuana

## 6) Item 2

What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 2? Note: Please answer this question regardless of the legal status of the substance in your jurisdiction.

UTIC	Webcode	Item 2
What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 2?		
p20252425	W182	Marihuana (Cannabis)
p20252426	W012	Delta-9-Tetrahydrocannabinol
p20252427	W061	Item (finely ground burnt vegetable matter) found to contain cannabis leaf
p20252428	W061	Cannabis plant material
p20252430	W061	<i>Cannabis</i> plant material
p20252431	W144	Cannabis Sativa
p20252432	W193	Cannabis
p20252433	W132	Cannabis
p20252434	W114	Delta 9-Tetrahydrocannabinol

UTIC	Webcode	Item 2
		What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 2?
p20252435	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252436	W114	Cannabis (delta-9 tetrahydrocannabinol)
p20252437	W114	Delta-9 Tetrahydrocannabinol
p20252438	W114	Delta 9-Tetrahydrocannabinol
p20252439	W114	Cannabis (Delta 9 THC)
p20252440	W114	Delta 9-Tetrahydrocannabinol
p20252441	W114	Cannabis (Delta 9THC)
p20252442	W114	Delta 9 THC
p20252443	W114	Delta 9-THC
p20252444	W114	Delta 9 THC
p20252445	W114	delta 9 THC
p20252446	W114	Delta 9 Tetrahydrocannabinol.
p20252447	W114	Cannabis (Delta-9-Tetrahydrocannabinol)
p20252448	W114	Delta 9-Tetrahydrocannabinol
p20252449	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252450	W114	Delta 9-Tetrahydrocannabinol
p20252451	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252452	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252453	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252454	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252455	W114	Delta 9 - Tetrahydrocannabinol
p20252456	W114	Delta 9 Tetrahydrocannabinol
p20252457	W114	Delta 9 THC
p20252458	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252459	W114	delta-9 tetrahydrocannabinol (Cannabis)
p20252460	W114	Delta-9 THC [Cannabis]
p20252461	W114	Delta 9-Tetrahydrocannabinol
p20252462	W114	Delta 9-Tetrahydrocannabinol (Cannabis)
p20252463	W114	Cannabis (Delta 9 - Tetrahydrocannabinol)
p20252464	W114	Delta 9 Tetrahydrocannabinol
p20252465	W114	Delta 9 THC (Cannabis)
p20252466	W114	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252470	W187	Delta 9-Tetrahydrocannabinol
p20252471	W187	Cannabis (Delta-9 THC)
p20252472	W187	Cannabis (Delta 9 - THC)
p20252473	W268	Delta 9 Tetrahydrocannabinol
p20252474	W268	delta 9-Tetrahydrocannabinol
p20252475	W268	Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252476	W268	Delta 9 THC

UTIC	Webcode	Item 2  What controlled substance(s) or controlled substance analog(s), if any, were identified in the questioned material from Item 2?
p20252477	W268	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252478	W268	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252479	W268	Delta 9-THC
p20252480	W222	Cannabis (Delta-9-tetrahydrocannabinol)
p20252481	W222	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252482	W222	Delta 9 THC
p20252483	W222	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252484	W222	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252487	W191	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252488	W191	Delta-9-Tetrahydrocannabinol
p20252489	W191	Delta 9 Tetrahydrocannabinol
p20252490	W191	Delta 9-Tetrahydrocannabinol
p20252491	W190	Delta 9-Tetrahydrocannabinol (Delta 9 THC)
p20252492	W190	Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252493	W190	delta 9 THC
p20252494	W190	Delta-9-Tetrahydrocannabinol
p20252495	W190	delta 9 THC
p20252496	W190	Delta 9-Tetrahydrocannabinol (Delta 9 THC)
p20252497	W269	Delta-9-Tetrahydrocannabinol Cannabinol
p20252499	W214	Cannabis/THC
p20252500	W098	Delta-9-tetrahydrocannabinol
p20252501	W004	Marijuana
p20252502	W004	Marijuana

7) How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court). In order to maintain confidentiality, please refrain from including identifying information specific to your laboratory.

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252425	W182	The plant material in Item 1 weighed 0.29 gram and consisted of Marihuana (Cannabis), Schedule I.  The partially charred plant material in Item 2 weighed 0.31 gram and contained Marihuna (Cannabis), Schedule I.

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).			
p20252426	W012	<p>Item 1 was found to contain Marihuana, including its resin, a Class D controlled substance. NOTE: The vegetable matter was weighed and tested. The weight of the tested vegetable matter was 0.28 grams.</p> <p>Item 2 was found to contain Delta-9-Tetrahydrocannabinol, one of the Tetrahydrocannabinols, and a Class C controlled substance. NOTE: The vegetable matter was weighed and tested. The weight of the tested vegetable matter was 0.30 grams.</p>			
p20252427	W061	<p>Item was found to contain cannabis leaf</p> <p>item was found to contain cannabis leaf</p>			
p20252428	W061	Exhibit number	Description	Mass (grams)	Result of analysis
		Item 001	One item containing plant material	0.30	Cannabis plant material*
p20252428	W061	Item 002	One item containing plant material and burnt material	0.31	Cannabis plant material* and **
		<p>* Confirmation by botanical identification</p> <p>** Confirmation analysis by Gas Chromatography/Mass Spectrometry (GC/MS)</p>			
p20252430	W061	Exhibit Number	Description	Mass (grams)	Result of analysis
		Exhibit 0001	One item containing plant material	0.30	<i>Cannabis</i> plant material*
p20252430	W061	Exhibit 0002	One item containing plant material and burnt plant material	0.31	<i>Cannabis</i> plant material*&**
		<p>* Confirmation by botanical identification</p> <p>** Confirmation analysis by Gas Chromatography/Mass Spectrometry (GC/MS)</p>			

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252431	W144	<p><b>Item 1</b></p> <p>The received paper package contains 0.33 grams of plant material from the Cannabis sativa plant (*). See Note 5.</p> <p>*Forensic testing accredited by ANAB, under ISO/IEC 17025:2017 (the scope can be consulted at the address <a href="http://search.anab.org">http://search.anab.org</a>).</p> <p>Note 5: Cannabis sativa is a narcotic, as it is included in the 63rd edition of the 'List of Narcotics Subject to International Control', July 2024.</p> <p><b>Item 2</b></p> <p>The received paper wrap contains 0.33 grams of plant material from the Cannabis sativa plant (*). See Note 5.</p> <p>*Forensic testing accredited by ANAB, under ISO/IEC 17025:2017 (the scope can be checked at the address <a href="http://search.anab.org">http://search.anab.org</a>).</p> <p>Note 5: Cannabis sativa is a narcotic, as it is included in the 63rd edition of the 'List of Narcotics Subject to International Control', July 2024.</p>
p20252432	W193	On Analysis, I found the plant material of Item 1 and item 2 to be cannabis.
p20252433	W132	1. A folded paper pack which held green plant material. Drug Identified: Cannabis 2. A folded paper pack which held a mixture of green plant material and dark plant material. Drug Identified: Cannabis  Cannabis is a controlled drug under the [redacted].
p20252434	W114	LAB ITEM # 1-1: 0.3 gram of plant material from one item, Cannabis (Delta 9-Tetrahydrocannabinol) LAB ITEM # 1-2: 0.3 gram of plant material from one item, Cannabis (Delta 9-Tetrahydrocannabinol)
p20252435	W114	Item 1-1 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol)  Item 1-2 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol)
p20252436	W114	Item 1. 0.2 gram of plant material from one packet Cannabis (Delta 9-Tetrahydrocannabinol)  item 2. 0.3 gram of plant material from one packet Cannabis (Delta 9-Tetrahydrocannabinol)

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252437	W114	1-1) 0.3 gram of plant material from one item - Cannabis (Delta-9 THC) 1-2) 0.3 gram of plant material from one item - Cannabis (Delta-9 THC)
p20252438	W114	1-1: 0.2 gram of plant material from one wax paper = Cannabis (Delta 9-Tetrahydrocannabinol)  1-2: 0.3 gram of plant material from one wax paper= Cannabis (Delta 9-Tetrahydrocannabinol)
p20252439	W114	FTS25-3-1 0.3 gram of plant material from one paper fold Cannabis (Delta 9 THC)  FTS25-3-2 0.3 gram of plant material from one paper fold Cannabis (Delta 9 THC)
p20252440	W114	Lab Item #1-1: 0.3 gram of plant material from one paper fold Cannabis (Delta 9-Tetrahydrocannabinol)  Lab Item #1-2: 0.3 gram of plant material from one paper fold Cannabis (Delta 9-Tetrahydrocannabinol)
p20252441	W114	Item 1-1: 0.2 gram of plant material from one item Cannabis( Delta 9 THC)  Item 1-2: 0.3 gram of plant material from one item Cannabis (Delta 9 THC)
p20252442	W114	1-1 0.3g of plant material from 1 item Delta 9 THC (Cannabis) 1-2 0.3g of plant material from 1 item Delta 9 THC (Cannabis)
p20252443	W114	Item 1-1 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol) item 1-2 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol)
p20252444	W114	<b>LAB ITEM#</b> <b>DESCRIPTION</b> <b>FINDINGS</b> 1-1 0.3 gram of plant material from one pouch Cannabis (Delta 9-Tetrahydrocannabinol)  1-2 0.3 gram of plant material from one pouch Cannabis (Delta 9-Tetrahydrocannabinol)
p20252445	W114	item 1: 0.3 gram of plant material from one folded paper packet: delta 9 THC (Cannabis)  item 2: 0.3 gram of plant material from one folded paper packet: delta 9 THC (Cannabis)
p20252446	W114	Item 1-1 0.3 gram of plant material Cannabis (Delta 9 Tetrahydrocannabinol) Item 1-2 0.3 gram of plant material Cannabis (Delta 9 Tetrahydrocannabinol)

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).		
p20252447	W114	1-1: 0.2 gram of plant material from one envelope - Cannabis (Delta-9-Tetrahydrocannabinol) 1-2: 0.3 gram of plant material from one envelope - Cannabis (Delta-9-Tetrahydrocannabinol)		
p20252448	W114	LAB ITEM #	DESCRIPTION	FINDINGS
		1-1	0.2 gram of plant material from one item	Cannabis (Delta 9-Tetrahydrocannabinol)
p20252449	W114	1-1 0.2 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol)  1-2 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol)		
		Lab Item # 1-1 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol) Lab Item # 1-2 0.3 gram of plant material from one item Cannabis (Delta 9-Tetrahydrocannabinol)		
p20252451	W114	Item 1-1. 0.2 gram of plant material from one item ....Cannabis(Delta 9-Tetrahydrocannabinol). Item 1-2. 0.3 gram of plant material from one item.... Cannabis(Delta 9-Tetrahydrocannabinol).		
p20252452	W114	Lab Item# 1-1 0.3 gram of plant material Cannabis (Delta 9-Tetrahydrocannbinol) Lab Item# 1-2 0.3 gram of plant material Cannabis (Delta 9-Tetrahydrocannbinol)		
		1-1: 0.3 gram of plant material from one wrapper (Cannabis (Delta 9-Tetrahydrocannabinol)) 1-2: 0.2 gram of plant material from one wrapper (Cannabis (Delta 9-Tetrahydrocannabinol))		
p20252454	W114	Item 1-1 : 0.3 gram of plant material from one item : Cannabis (Delta 9-Tetrahydrocannabinol) Item 1-2 : 0.3 gram of plant material from one item : Cannabis (Delta 9-Tetrahydrocannabinol)		
		Item#1 - 0.3 gram of plant material form one item - Cannabis (Delta 9 - Tetrahydrocannabinol) Item#2 - 0.2 gram of plant material form one item - Cannabis (Delta 9 - Tetrahydrocannabinol)		

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).		
p20252456	W114	Item 1-1 0.3 gram of plant material from one wax paper - Delta 9 Tetrahydrocannabinol (Cannabis) Item 1-2 0.3 gram of plant material from one wax paper - Delta 9 Tetrahydrocannabinol (Cannabis)		
p20252457	W114	1. 0.3 gram of plant material from one piece of cellophane Cannabis (Delta 9-Tetrahydrocannabinol) 2. 0.3 gram of plant material from one piece of cellophane Cannabis (Delta 9-Tetrahydrocannabinol)		
p20252458	W114	1-1: Description: 0.2 gram of plant material from one paper fold Findings: Cannabis (Delta 9-Tetrahydrocannabinol)  1-2: Description: 0.3 gram of plant material from one paper fold Findings: Cannabis (Delta 9-Tetrahydrocannabinol)		
p20252459	W114	Item 1: 0.2 gram of plant material - delta-9 tetrahydrocannabinol (Cannabis) Item 2: 0.3 gram of plant material - delta-9 tetrahydrocannabinol (Cannabis)		
p20252460	W114	Item 1-1: 0.3g plant material from one item - Delta-9-THC  Item 1-2: 0.3g plant material from one item - Delta-9-THC		
p20252461	W114	1: 0.2 gram of plant material from one item = Cannabis (Delta 9-Tetrahydrocannabinol)  2: 0.2 gram of plant material from one item = Cannabis (Delta 9-Tetrahydrocannabinol)		
p20252462	W114	Item 1-1 0.3 gram of plant material from one paper fold Cannabis (Delta 9-Tetrahydrocannabinol)  Item 1-2 0.3 gram of plant material from one paper fold Cannabis (Delta 9-Tetrahydrocannabinol)		
p20252463	W114	(1-1) 0.3 gram of plant material from one item	Cannabis (Delta 9 - Tetrahydrocannabinol)	
		(1-2) 0.3 gram of plant material from one item	Cannabis (Delta 9 - Tetrahydrocannabinol)	
p20252464	W114	<b>LAB ITEM#</b>	<b>DESCRIPTION</b>	<b>FINDINGS</b>
		1.1	0.3 gram of plant material from one item Tetrahydrocannabinol(Delta 9 THC)	Delta 9-
		1.2	0.3 gram of plant material from one item Tetrahydrocannabinol(Delta 9 THC)	Delta 9-

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252465	W114	Item 1-1 - 0.3 grams of plant material from one wax paper - Cannabis  Item 1-2 - 0.3 grams of plant material from one wax paper - Cannabis
p20252466	W114	Lab Item# 1-1 0.2 gram of plant material from one wax paper Cannabis (Delta 9-Tetrahydrocannabinol)  Lab Item# 1-2 0.3 gram of plant material from one wax paper Cannabis (Delta 9-Tetrahydrocannabinol)
p20252470	W187	Item 1 0.3 gram of plant material from one wax paper envelope: Cannabis(Delta 9-Tetrahydrocannabinol)  Item 2 0.3 gram of plant material from one wax paper envelope: Cannabis(Delta 9-Tetrahydrocannabinol)
p20252471	W187	Item 1: 0.3 grams of plant material from one packet: Cannabis (Delta 9-Tetrahydrocannabinol) Item 2: 0.3 grams of plant material from one packet: Cannabis (Delta 9-Tetrahydrocannabinol)
p20252472	W187	Item 1: 0.3 gram of plant material - Cannabis (Delta 9-Tetrahydrocannabinol)  Item 2: 0.3 gram of plant material - Cannabis (Delta 9-Tetrahydrocannabinol)
p20252473	W268	The 0.2 gram of plant material in Item 1 contains Delta 9 Tetrahydrocannabinol. and The 0.3 gram of plant material in Item 2 contains Delta 9 Tetrahydrocannabinol.
p20252474	W268	LAB ITEM# DESCRIPTION FINDINGS 1-1 0.3 gram of plant material from one paper fold Cannabis (Delta 9-Tetrahydrocannabinol) 1-2 0.3 gram of plant material from one paper fold Cannabis (Delta 9-Tetrahydrocannabinol)
p20252475	W268	1-1 0.3 gram of plant material from one item Delta 9-Tetrahydrocannabinol(Delta 9 THC) 1-2 0.3 gram of plant material from one item Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252476	W268	Item 1 - 0.3 gram of plant material from one item - Delta 9 - Tetrahydrocannabinol (Delta 9 THC) Item 2 - 0.3 gram of plant material from one item - Delta 9 - Tetrahydrocannabinol (Delta 9 THC)
p20252477	W268	Item 1- 0.3 gram of plant material from one piece of wax paper contained Cannabis (Delta 9-Tetrahydrocannabinol). Item 2- 0.3 gram of plant material from one piece of wax paper contained Cannabis (Delta 9-Tetrahydrocannabinol).

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252478	W268	Item 1: 0.3 gram of plant material from one item: Cannabis (Delta 9-Tetrahydrocannabinol) Item 2: 0.3 gram of plant material from one item: Cannabis (Delta 9-Tetrahydrocannabinol)
p20252479	W268	Item 1-1: 0.3 gram of plant material from one item Delta 9-Tetrahydrocannabinol(Delta 9 THC) Item 1-2: 0.3 gram of plant material from one item Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252480	W222	Item 1 0.3 gram of plant material Cannabis (Delta-9-tetrahydrocannabinol) Item 2 0.3 gram of plant material Cannabis (Delta-9-tetrahydrocannabinol)
p20252481	W222	Lab Item #1: 0.2 gram of plant material Cannabis (Delta 9-Tetrahydrocannabinol) Lab Item #2: 0.3 gram of plant material Cannabis (Delta 9-Tetrahydrocannabinol)
p20252482	W222	Lab Item# 1 0.3 gram of plant material from one packet Cannabis (Delta 9-Tetrahydrocannabinol)  Lab Item# 2 0.3 gram of plant material from one packet Cannabis (Delta 9-Tetrahydrocannabinol)
p20252483	W222	1 0.2 gram of plant material from one packet Cannabis (Delta 9-Tetrahydrocannabinol) 2 0.3 gram of plant material from one packet Cannabis (Delta 9-Tetrahydrocannabinol)
p20252484	W222	Lab Item #1 0.3 gram of plant material Cannabis (Delta 9-Tetrahydrocannabinol) Lab Item #2 0.3 gram of partially burnt plant material Cannabis (Delta 9-Tetrahydrocannabinol)
p20252487	W191	1-1 0.2 gram of plant material from one package Cannabis (Delta 9-Tetrahydrocannabinol) 1-2 0.3 gram of plant material from one package Cannabis (Delta 9-Tetrahydrocannabinol)
p20252488	W191	LAB ITEM# DESCRIPTION FINDINGS 1-1 0.2 gram of plant material from one piece of paper Cannabis (Delta 9-Tetrahydrocannabinol) 1-2 0.3 gram of charred plant material from one piece of paper Delta 9-Tetrahydrocannabinol(Delta 9 THC)
p20252489	W191	LAB ITEM# DESCRIPTION FINDINGS 1-1 0.2 gram of plant material Delta 9-Tetrahydrocannabinol(Delta 9 THC) 1-2 0.3 gram of plant material Delta 9-Tetrahydrocannabinol(Delta 9 THC)

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252490	W191	<p>LAB ITEM#: 1-1          DESCRIPTION: 0.2 gram of plant material from one piece of paper          FINDINGS: Cannabis (Delta 9-Tetrahydrocannabinol)</p> <p>LAB ITEM#: 1-2          DESCRIPTION: 0.3 gram of plant material from one piece of paper          FINDINGS: Cannabis (Delta 9-Tetrahydrocannabinol)</p>
p20252491	W190	<p>Item 1: 0.3 gram of plant material from one item: Delta 9 Tetrahydrocannabinol(Delta 9 THC)</p> <p>Item 2: 0.3 gram of plant material from one item: Delta 9 Tetrahydrocannabinol(Delta 9 THC)</p>
p20252492	W190	<p>1 0.3 gram of plant material Delta 9-Tetrahydrocannabinol(Delta 9 THC)</p> <p>2 0.2 gram of plant material Delta 9-Tetrahydrocannabinol(Delta 9 THC)</p>
p20252493	W190	<p>Item 1 - 0.3g of plant material from one paper - Delta 9-Tetrahydrocannabinol(Delta 9 THC)</p> <p>Item 2 - 0.3g of plant material from one paper - Delta 9-Tetrahydrocannabinol(Delta 9 THC)</p>
p20252494	W190	<p>Item 1: 0.3 gram of plant material from one item - Delta-9-Tetrahydrocannabinol</p> <p>Item 2: 0.3 gram of partially burnt plant material from one item - Delta-9-Tetrahydrocannabinol</p>
p20252495	W190	<p>item 1 0.3g plant material - delta 9 THC</p> <p>item 2 0.3g plant material - delta 9 THC</p>
p20252496	W190	<p>Item #1 - 0.3 gram of plant material from one wax paper contains Delta 9-Tetrahydrocannabinol (Delta 9 THC)</p> <p>Item #2 - 0.3 gram of plant material from one wax paper contains Delta 9-Tetrahydrocannabinol (Delta 9 THC)</p>
p20252497	W269	<p>Item 1: 0.3 gram of plant material from one item - Cannabis (Delta-9-Tetrahydrocannabinol)</p> <p>Item 2: 0.3 gram of plant material from one item - Cannabis (Delta-9-Tetrahydrocannabinol); Cannabis (Cannabinol)</p>
p20252499	W214	<p>Item 1 - A white paper envelope holding a folded white greaseproof paper wrap containing a fragmented green vegetable matter          Total Amount = 0.31g Analysis Results - Cannabis Class B</p> <p>Item 2 - A white paper envelope holding a folded white greaseproof paper wrap containing fragmented dark green/black vegetable matter          Total Amount = 0.32g Analysis Results - Cannabis Class B</p>
p20252500	W098	<p>Item 1 identified as containing delta-9-tetrahydrocannabinol</p> <p>Item 2 identified as containing delta-9-tetrahydrocannabinol</p>

UTIC	Webcode	How would you state your findings in a report? (Use the same wording as you would to submit a report to the lead investigator and/or court).
p20252501	W004	<p>RESULTS AND INTERPRETATIONS:</p> <p>Item 1 Marijuana, <math>0.3070 \pm 0.0014</math> gram (<math>0.01082 \pm 0.00005</math> ounce) of plant material. [Methods: WM, ME, TLC and GC-FID-MS]</p> <p>Item 2 Marijuana, <math>0.3177 \pm 0.0014</math> gram (<math>0.01120 \pm 0.00005</math> ounce) of plant material. [Methods: WM, ME, TLC and GC-FID-MS]</p> <p>Methods: Weight Measurement (WM), Microscopic Examination (ME), Thin Layer Chromatography (TLC) and Gas Chromatography-Flame Ionization Detection-Mass Spectrometry (GC-FID-MS)</p> <p>For Items identified as Marijuana, the Tetrahydrocannabinol (THC) concentration was evaluated after first converting THC acid, if present, to THC and then measuring the total resulting THC concentration. The resulting THC concentration was greater than 0.3% by weight.</p> <p>Measurement uncertainty of weight measurements is reported at a 95.45% level of confidence.</p>
p20252502	W004	<p>Item 1 Marijuana, <math>0.3045 \pm 0.0014</math> gram (<math>0.01074 \pm 0.00005</math> ounce) of plant material. The Tetrahydrocannabinol (THC) concentration was evaluated after first converting THC acid, if present, to THC and then measuring the total resulting THC concentration.</p> <p>The resulting THC concentration was greater than 0.3% by weight.</p> <p>[Methods: WM, ME, TLC, GC-FID-MS].</p> <p>Item 2 Marijuana, <math>0.3084 \pm 0.0014</math> gram (<math>0.01087 \pm 0.00005</math> ounce) of plant material. The Tetrahydrocannabinol (THC) concentration was evaluated after first converting THC acid, if present, to THC and then measuring the total resulting THC concentration.</p> <p>The resulting THC concentration was greater than 0.3% by weight.</p> <p>[Methods: WM, ME, TLC, GC-FID-MS].</p> <p>Methods: Weight Measurement (WM), Microscopic Examination (ME), Thin Layer Chromatography (TLC), Gas Chromatography-Flame Ionization Detection-Mass Spectrometry (GC-FID-MS)</p> <p>Measurement uncertainty of weight measurements is reported at a 95.45% level of confidence.</p>

8) How long did it take to complete this test (in hours)? Please report actual analytical hours only.

9) Did you find this test to be a fair test of the process of the examination and interpretation of controlled substances?

A)  Yes

B)  No

UTIC	Webcode	How long did it take to complete this test (in hours)? Please report actual analytical hours only.	Did you find this test to be a fair test of the process of the examination and interpretation of controlled substances?
p20252425	W182	6	Yes
p20252426	W012	2.0	Yes
p20252427	W061	2HRS.	Yes
p20252428	W061	2 hours	Yes
p20252430	W061	3	Yes
p20252431	W144	8	Yes
p20252432	W193	9 hours	Yes
p20252433	W132	3 hours	Yes
p20252434	W114	1	Yes
p20252435	W114	1.5	Yes
p20252436	W114	1	Yes
p20252437	W114	2.5	Yes
p20252438	W114	2	Yes
p20252439	W114	2	Yes
p20252440	W114	1	Yes
p20252441	W114	2	Yes
p20252442	W114	1	Yes
p20252443	W114	2	Yes
p20252444	W114	1 hour	Yes
p20252445	W114	1	Yes
p20252446	W114	3 hrs	Yes
p20252447	W114	1	Yes
p20252448	W114	2	Yes
p20252449	W114	3	Yes
p20252450	W114	2.0	Yes
p20252451	W114	2	Yes
p20252452	W114	1	Yes
p20252453	W114	1	Yes
p20252454	W114	2 hours	Yes
p20252455	W114	2 Hours	Yes

UTIC	Webcode	How long did it take to complete this test (in hours)? Please report actual analytical hours only.	Did you find this test to be a fair test of the process of the examination and interpretation of controlled substances?
p20252456	W114	3	Yes
p20252457	W114	2 hours	Yes
p20252458	W114	2 hours	Yes
p20252459	W114	2	Yes
p20252460	W114	3	Yes
p20252461	W114	1	Yes
p20252462	W114	1	Yes
p20252463	W114	2	Yes
p20252464	W114	3 hours	Yes
p20252465	W114	5 hours	Yes
p20252466	W114	1	Yes
p20252470	W187	2	Yes
p20252471	W187	1	Yes
p20252472	W187	1.0	Yes
p20252473	W268	0.75	Yes
p20252474	W268	2	Yes
p20252475	W268	0.75	Yes
p20252476	W268	1	Yes
p20252477	W268	1	Yes
p20252478	W268	1	Yes
p20252479	W268	1 hour	Yes
p20252480	W222	1	Yes
p20252481	W222	4	Yes
p20252482	W222	1.0	Yes
p20252483	W222	1	Yes
p20252484	W222	0.75	Yes
p20252487	W191	2	Yes
p20252488	W191	1	Yes
p20252489	W191	1.5	Yes
p20252490	W191	1	Yes
p20252491	W190	2	Yes
p20252492	W190	1	Yes
p20252493	W190	2	Yes
p20252494	W190	3	Yes
p20252495	W190	1 hour	Yes
p20252496	W190	1 hour	Yes
p20252497	W269	Approx. 3 - 4 hours	Yes
p20252499	W214	1	Yes
p20252500	W098	4	Yes

UTIC	Webcode	How long did it take to complete this test (in hours)? Please report actual analytical hours only.	Did you find this test to be a fair test of the process of the examination and interpretation of controlled substances?
p20252501	W004	3	Yes
p20252502	W004	2.5	Yes

10) How would you change the aspects of the test (i.e. scenario, test samples, question sections, report format) to improve a future version of this test? Comments and suggestions are welcome.

Additionally, this question is a means to provide you with an opportunity to explain or include information about your findings or interpretation, as needed. In order to maintain confidentiality, please refrain from including identifying information specific to your laboratory.

UTIC	Webcode	How would you change the aspects of the test (i.e. scenario, test samples, question sections, report format) to improve a future version of this test? Comments and suggestions are welcome.	FTS Response
p20252440	W114	Include a non-cannabis test sample.	Thank you for the suggestion. FTS offers a variety of samples year to year, some that are negative for cannabis.
p20252456	W114	Provide more sample amount	Thank you for the suggestion.
p20252473	W268	Less internal packaging.	Thank you for the suggestion.
p20252476	W268	I felt that the test was a fair representation of what Cannabis analysis consists of in a real world context.	
p20252484	W222	Have one of the test sample findings be negative for a controlled substance or a different cannabinoid (i.e., cannabidiol, D 8-Tetrahydrocannabinol)	Please see FTS Response for p20252440.
p20252488	W191	Have an item be negative (or something else seen in plant material - kratom, synthetic cannabinoids, etc)	Please see FTS Response for p20252440.