DEPARTMENT OF HEALTH AND HUMAN SERVICES
Food and Drug Administration

Reporting of Harmful and Potentially Harmful Constituents
in Accordance with Section 904(a)(3) and (c)(1) of the Federal Food, Drug, and Cosmetic Act

CIGARETTE REPORT

Form Approved: OMB No. 0910-0732
Expiration Date: 8/31/2022
(See PRA Statement on page 27)

Section 904(a)(3) of the Federal Food, Drug, and Cosmetic Act (FD&C Act) as amended on June 22, 2009, requires each tobacco product manufacturer or importer, or an agent, to report to FDA, beginning 3 years after the date of enactment of the Family Smoking Prevention and Tobacco Control Act (Tobacco Control Act), all harmful and potentially harmful constituents (HPHCs), including those in smoke where applicable, by brand and by quantity in each brand and subbrand. Section 904(c)(1) of the FD&C Act requires manufacturers of tobacco products not on the market on the date of enactment of the Tobacco Control Act to provide this same information to FDA at least 90 days prior to introducing the products into interstate commerce.

On April 3, 2012, FDA issued a draft guidance document titled, “Reporting Harmful and Potentially Harmful Constituents in Tobacco Products and Tobacco Smoke Under Section 904(a)(3) of the Federal Food, Drug, and Cosmetic Act.” The draft guidance document may assist persons with reporting to FDA the quantities of HPHCs in tobacco products and tobacco smoke under section 904(a)(3) and (c)(1) of the FD&C Act.

This document contains a paper form that can be completed and submitted to FDA in reporting HPHC quantities. It requests information required by the statute as well as information that would assist FDA in assessing HPHC data and in tracking submissions. For further discussion, please see the draft guidance document. The form is found immediately after the instructions that begin on the next page of this document. The instructions explain the information requested in each field on the form. In addition, the instructions specify the format that should be followed when entering information in some fields on the form. The instructions should not be submitted to FDA; only the completed form should be submitted to FDA. If a manufacturer or importer would like to submit HPHC quantities for multiple products in a single submission, the manufacturer or importer needs to submit only “Section I. Manufacturer or Importer Identification” for the first product in the submission (assuming the company information is identical for all products in the submission), and submit Sections II and III for each of the products in the submission.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number for this collection of information is 0910-0732 (expires March 31, 2016).

INSTRUCTIONS FOR CIGARETTE REPORT
(FORM FDA 3787a)

Section I. Manufacturer or Importer Identification

Section Header: Select the role of the company (Manufacturer or Importer). FDA requests that you indicate whether the company meets the definition of a small tobacco product manufacturer (STPM) (fewer than 350 employees) as stated in section 900(16) of the FD&C Act. Check the YES box if the company is an STPM and NO if it is not. Finally, FDA requests that you indicate whether the person completing this form is acting as an agent for the company (check YES or NO).

Use the information in the tables below to complete Section I of this submission.

Manufacturer or Importer Name and Address

Term	Instruction
Name	Enter the name of the manufacturer or importer for which this report is being submitted.
Country	Enter the country.
Address 1	Enter line 1 of the address.
Address 2	Enter line 2 of the address if needed.
City	Enter the city.
State	Enter the state (2-letter abbreviation), province, or territory.
ZIP	Enter the ZIP or postal code.
Telephone	For U.S. numbers, enter the telephone number in the format (area code) ###-####. For non-U.S. numbers, enter the country code followed by the telephone number.
Fax	Enter the information as requested for the telephone number above.
FEI	Enter the FDA Establishment Identifier (if known).
D-U-N-S	Enter the Dun & Bradstreet (D&B) D-U-N-S number for the establishment listed above (see the guidance document).

(Section I. Manufacturer or Importer Identification continued on next page)

Section I. Manufacturer or Importer Identification *(Continued)*

Point of Contact

Term	Instruction
Prefix	Enter the prefix (e.g., Dr., Mr., Ms., Mrs.).
First name	Enter the first or given name of the person who can be contacted if questions arise about this submission.
Middle name	Enter the middle name or initial.
Last name	Enter the last name.
Degree(s)	Enter the degree or degrees (e.g., PhD, JD).
Title	Enter the title of the point of contact (e.g., Agent, CEO).
Email	Enter the e-mail address of the point of contact.
Company name	Enter the name of the company for which the point of contact works.
Country	Enter the country.
Address 1	Enter line 1 of the address.
Address 2	Enter line 2 of the address if needed.
City	Enter the city.
State	Enter the state (2-letter abbreviation), province, or territory.
ZIP	Enter the ZIP or postal code.
Telephone	For U.S. numbers, enter the telephone number in the format (area code) ###-####. For non-U.S. numbers, enter the country code followed by the telephone number.
Fax	Enter the information as requested for the telephone number above.

Section II. Tobacco Product Identification

Page Headers: Enter the cigarette product brand and subbrand in the blank space at the top of each page of the form. If the form is filled out in Adobe Acrobat/Adobe Reader, the information will automatically be entered on pages 2-26 of this form based on the information provided for Brand/Subbrand in Section II.

Use the information in the table below to complete Section II of this submission.

Term	Instruction
Brand name	Enter the brand name of the cigarette (e.g., Acme).
Subbrand name	Enter the subbrand name of the cigarette (e.g., Longs, 100s).
Unique ID	Enter the unique identifying name or number used by the manufacturer/importer.
ID Type	Enter the type of identification (e.g., internal manufacturer number, catalog number, UPC).
Package size(s)	List the number of cigarettes per pack for the brand and subbrand.
Category	NA
Subcategory	Enter one of the following subcategories of cigarette: • **FC**: Filtered (Combustion) • **NFC**: Non-filtered (Combustion) • **CFC**: Charcoal filtered (Combustion) • **FH**: Filtered (Heated) • **NFH**: Non-filtered (Heated)
Other subcategory	Specify subcategory if not listed above.
Testing Laboratory #1	
Name	Enter the name of the testing laboratory.
Country	Enter the country.
Address 1	Enter line 1 of the address.
Address 2	Enter line 2 of the address if needed.
City	Enter the city.
State	Enter the state (2-letter abbreviation), province, or territory.
ZIP	Enter the ZIP or postal code.
Telephone	For U.S. numbers, enter the telephone number in the format (area code) ###-####. For non-U.S. numbers, enter the country code followed by the telephone number.
Fax	Enter the information as requested for the telephone number above.

(Section II. Tobacco Product Identification continued on next page)

Section II. Tobacco Product Identification *(Continued)*

Term	Instruction
Testing Laboratory #2*	
Name	Enter the name of the testing laboratory.
Country	Enter the country.
Address 1	Enter line 1 of the address.
Address 2	Enter line 2 of the address if needed.
City	Enter the city.
State	Enter the state (2-letter abbreviation), province, or territory.
ZIP	Enter the ZIP or postal code.
Telephone	For U.S. numbers, enter the telephone number in the format (area code) ###-####. For non-U.S. numbers, enter the country code followed by the telephone number.
Fax	Enter the information as requested for the telephone number above.

*Complete only if more than one laboratory was used.

Section III. HPHC Quantities and Testing Information

In the first part of this section, enter information about the quantity of tobacco in the cigarette according to the table below.

Term	Instruction
Mean mass of tobacco	Enter the mean mass of tobacco in a cigarette. The mean mass should include 3 significant figures or more if appropriate. In no case should more than 6 digits be reported.
Variance of mean mass	Enter the variance of the mean mass in the same units as those used for mass (e.g., grams). The variance should include 3 significant figures or more if appropriate. In no case should more than 6 digits be reported.
Type of variance	Enter the type of variance of the mean, such as standard deviation.
Unit of measurement for mean and variance	Enter the unit of measurement for the mean and variance of the mean, such as grams.

HPHC Tables: There are separate tables for each HPHC that must be reported for cigarettes. HPHCs are listed alphabetically by name and include CAS numbers and FDA UNII codes. All HPHC tables include two sections for entering information about HPHCs in mainstream smoke. These sections are labeled "Smoking Regimen #1" and "Smoking Regimen #2." Identify the smoking regimen used by checking the appropriate box in each table.

NOTE: If only one smoking regimen was used, ignore the table labeled "Smoking Regimen #2."

In addition, some HPHC tables include a third section to enter information about HPHCs in cigarette filler.

Information should be entered in all cells of a given HPHC table. The table below includes details about how information should be entered into each cell.

Term	Instruction
Regimen	**Not included in the Cigarette Filler section.** Check the appropriate box. If the regimen is other than ISO or Intense, check the "Other" box and write the name of the regimen.
Machine	**Not included in the Cigarette Filler section.** Type of smoking machine used to generate mainstream smoke. Choose either linear or rotary by checking the appropriate box.
Cigarettes	**Not included in the Cigarette Filler section.** Enter the number of cigarettes smoked on each smoke trap (filter pad, electrostatic precipitation tube, impinger, gas sampling bag).
Smoke traps	**Not included in the Cigarette Filler section.** Enter the number of smoke traps (see above) in each replicate.
Replicates	Enter the number of replicate measurements made in determining the quantity of the HPHC.

(Section III. HPHC Quantities and Testing Information, HPHC Tables Information, continued on next page)

Section III. HPHC Quantities and Testing Information, HPHC Tables Information *(Continued)*

Term	Instruction
Test date range	Enter the date or range of dates when the cigarette samples were tested for the specific HPHC. If all tests of the samples for the specific HPHC were performed in a single day, enter the date before the hyphen in the format “mm/dd/yyyy.” If the cigarette samples were tested on more than one date, enter the earliest and latest dates before and after the hyphen, respectively (mm/dd/yyyy - mm/dd/yyyy).
Manufacture date range	Enter the date or range of dates when the tested cigarette samples were manufactured (i.e., packaged in finished form for distribution to retailers/consumers). If all of the cigarette samples were manufactured on the same date, enter the date before the hyphen in the format “mm/dd/yyyy.” If the cigarette samples were manufactured on more than one date, enter the earliest and latest dates before and after the hyphen, respectively (mm/dd/yyyy - mm/dd/yyyy).
Extraction	Enter the method used to extract the HPHC from the smoke or cigarette filler (no more than 80 characters). If one is available, provide a reference citation. Alternatively, we would like to know: • Solvent • Agitation time
Separation	Enter the method used to separate the HPHC from other constituents using one of the following abbreviations: • **GC**: Gas Chromatography • **HPLC**: High Pressure Liquid Chromatography • **IC**: Ion Chromatography • **LC**: Liquid Chromatography • **UPLC**: Ultra Pressure Liquid Chromatography
Other separation method	If the separation method is not listed above, specify the method used without abbreviation (no more than 60 characters).
Detection	Enter the detection method used to determine the quantity of the specific HPHC using one of the following abbreviations: • **AED**: Atomic Emission Detector • **ECD**: Electron Capture Detector • **ELSD**: Evaporative Light-Scattering Detector • **FID**: Flame Ionization Detector • **FPD**: Flame Photometric Detector • **FD**: Fluorescence Detector • **MSD**: Mass Spectrometry Detector • **NCD**: Nitrogen Chemiluminescence Detector • **NPD**: Nitrogen-Phosphorous Detector • **PID**: Photoionization Detector • **SCD**: Sulfur Chemiluminescence Detector • **MSMS**: Tandem Mass Spectrometry • **TCD**: Thermal Conductivity Detector • **UVD**: Ultraviolet Detector
Other detection method	If the detection method is not listed above, enter the method used without abbreviation (no more than 60 characters).

(Section III. HPHC Quantities and Testing Information, HPHC Tables Information, continued on next page)

Section III. HPHC Quantities and Testing Information, HPHC Tables Information *(Continued)*

Term	Instruction
Mean quantity of HPHC	Enter the mean quantity of the HPHC in mainstream smoke or cigarette filler. The mean quantity should include 3 significant figures or more if appropriate. In no case should more than 6 digits be reported. The mean quantity is to be expressed per cigarette. If the quantity is below the limit of detection or limit of quantitation, enter 0.000 in this field.
Variance of mean HPHC quantity	Enter the variance in mean HPHC quantity. The variance is to be expressed per cigarette in the same unit of measurement as the mean HPHC quantity. The variance should include 3 significant figures or more if appropriate. In no case should more than 6 digits be reported. If the quantity is below the limit of detection or limit of quantitation, leave this field blank.
Type of variance	Enter the type of variance of the mean, such as standard deviation. If the quantity is below the limit of detection or limit of quantitation, enter NA (not applicable) in this field.
Unit of measurement for mean and variance per cigarette	Select the unit of measurement, such as nanograms, for the mean and variance of the mean HPHC quantity per cigarette. For example, if “nanograms” is selected, then the mean quantity of HPHC and variance of the mean are being reported as nanograms *per cigarette*. If the quantity is below the limit of detection or limit of quantitation, do not select a unit of measurement.

NOTE: If you would like to submit information for HPHCs other than those listed on this form, please make copies of Sections II and III, complete the new pages, and attach them to the form.

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CIGARETTE REPORT

Form Approved: OMB No. 0910-0732
Expiration Date: 8/31/2022
(See PRA Statement on page 27)

I. MANUFACTURER OR IMPORTER IDENTIFICATION

Role of the company for which this report is being submitted

☐ Manufacturer ☐ Importer

Is the company a small tobacco product manufacturer?	Are you an agent submitting on behalf of the company?
☐ Yes ☐ No	☐ Yes ☐ No

Manufacturer or Importer Name and Address

Company name

Country

Address – line 1	Address – line 2

City	State, Province, or Territory	Post office or ZIP code

Telephone number	Fax number
FDA Establishment Identifier (FEI)	D&B D-U-N-S Number

Point of Contact

Prefix	First/given name	Middle name	Last name

Degree(s)	Title

Email address

Company name

Country

Address – line 1	Address – line 2

City	State, Province, or Territory	Post office or ZIP code

Telephone number	Fax number

II. TOBACCO PRODUCT IDENTIFICATION

Brand name

Subbrand name

Unique product identification number	Type of product identification number
Package size(s)	Product category Cigarette
Product subcategory *(Select from drop-down list)*	If other subcategory, specify

Testing Laboratory #1

Laboratory name

Country

Address – line 1		Address – line 2
City	State, Province, or Territory	Post office or ZIP code
Telephone number		Fax number

Testing Laboratory #2

Laboratory name

Country

Address – line 1		Address – line 2
City	State, Province, or Territory	Post office or ZIP code
Telephone number		Fax number

III. HPHC QUANTITIES AND TESTING INFORMATION

Quantity of Tobacco

Mean mass of tobacco in a cigarette	Variance of mean mass	Type of variance
_ _ _ . _ _ _	_ _ _ . _ _ _	

Unit of measurement for mean and variance *(Select one)* ☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

HPHC Tables start on the next page.

Acetaldehyde

CAS number	FDA UNII code
75-07-0	GO1N1ZPR3B

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Acrolein

CAS number	FDA UNII code
107-02-8	7864XYD3JJ

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Acrylonitrile

CAS number	FDA UNII code
107-13-1	MP1U0D42PE

Smoking Regimen #1

Smoking regimen

☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine

☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen

☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine

☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

4-Aminobiphenyl

CAS number	FDA UNII code
92-67-1	16054949HJ

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

1-Aminonaphthalene

CAS number	FDA UNII code
134-32-7	9753I242R5

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

2-Aminonaphthalene

CAS number	FDA UNII code
91-59-8	CKR7XL41N4

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Ammonia

CAS number	FDA UNII code
7664-41-7	5138Q19F1X

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap:

Number of smoke traps per replicate:

Number of replicate measurements:

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*:

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*:

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance:

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap:

Number of smoke traps per replicate:

Number of replicate measurements:

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*:

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*:

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance:

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

(Ammonia tables continued on next page)

Ammonia *(Continued)*

Cigarette Filler

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Arsenic

CAS number	FDA UNII code
7440-38-2	N712M78A8G

Cigarette Filler

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Benzene

CAS number	FDA UNII code
71-43-2	J64922108F

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Benzo[a]pyrene

CAS number	FDA UNII code
50-32-8	3417WMA06D

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

1,3-Butadiene

CAS number	FDA UNII code
106-99-0	JSD5FGP5VD

Smoking Regimen #1

Smoking regimen	Smoking machine
☐ ISO ☐ Intense ☐ Other *(Specify)*: _____	☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen	Smoking machine
☐ ISO ☐ Intense ☐ Other *(Specify)*: _____	☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Cadmium

CAS number	FDA UNII code
7440-43-9	00BH33GNGH

Cigarette Filler

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Carbon Monoxide

CAS number	FDA UNII code
630-08-0	7U1EE4V452

Smoking Regimen #1

Smoking regimen
☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine
☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*
☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms
☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen
☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine
☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*
☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms
☐ Other *(Specify unit of mass)*: _____

Crotonaldehyde

CAS number	FDA UNII code
4170-30-3	9G72074TUW

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap:

Number of smoke traps per replicate:

Number of replicate measurements:

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*:

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*:

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance:

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap:

Number of smoke traps per replicate:

Number of replicate measurements:

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method (*80 character limit)*

Separation method *(Select from drop-down list)*:

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*:

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance:

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Formaldehyde

CAS number	FDA UNII code
50-00-0	1HG84L3525

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)* _____ - _____

Manufacture date range *(mm/dd/yyyy)* _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)* _____ - _____

Manufacture date range *(mm/dd/yyyy)* _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Isoprene

CAS number	FDA UNII code
78-79-5	0A62964IBU

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap	Number of smoke traps per replicate

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Nicotine (Total)

CAS number	FDA UNII code
54-11-5	6M3C89ZY6R

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

(Nicotine (Total) tables continued on next page)

Nicotine (Total) ***(Continued)***

Cigarette Filler

Number of replicate measurements	Test date range *(mm/dd/yyyy)*	Manufacture date range *(mm/dd/yyyy)*
	_____ - _____	_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

NNK

CAS number	FDA UNII code
64091-91-4	7S395EDO61

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)* _____ - _____

Manufacture date range *(mm/dd/yyyy)* _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)* _____ - _____

Manufacture date range *(mm/dd/yyyy)* _____ - _____

Extraction method (*80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity _ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

(NNK tables continued on next page)

NNK *(Continued)*

Cigarette Filler		
Number of replicate measurements	Test date range *(mm/dd/yyyy)* _____ - _____	Manufacture date range *(mm/dd/yyyy)* _____ - _____

Extraction method (*80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is “Other,” specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is “Other,” specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

NNN

CAS number	FDA UNII code
16543-55-8	X656TZ86DX

Smoking Regimen #1

Smoking regimen
☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine
☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)*
_____ - _____

Manufacture date range *(mm/dd/yyyy)*
_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC
_ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity
_ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*
☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms
☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen
☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine
☐ Linear ☐ Rotary

Number of cigarettes per smoke trap

Number of smoke traps per replicate

Number of replicate measurements

Test date range *(mm/dd/yyyy)*
_____ - _____

Manufacture date range *(mm/dd/yyyy)*
_____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC
_ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity
_ _ _ . _ _ _

Type of variance

Unit of measurement for mean and variance per cigarette *(Select one)*
☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms
☐ Other *(Specify unit of mass)*: _____

(NNN tables continued on next page)

NNN *(Continued)*

Cigarette Filler		
Number of replicate measurements	Test date range *(mm/dd/yyyy)* _____ - _____	Manufacture date range *(mm/dd/yyyy)* _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*	If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*
Detection method *(Select from drop-down list)*	If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC	Variance of mean HPHC quantity	Type of variance
_ _ _ . _ _ _ per cigarette	_ _ _ . _ _ _	

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Toluene

CAS number	FDA UNII code
108-88-3	3FPU23BG52

Smoking Regimen #1

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap:

Number of smoke traps per replicate:

Number of replicate measurements:

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*:

If Separation Method is "Other," specify here *(No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*:

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance:

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

Smoking Regimen #2

Smoking regimen: ☐ ISO ☐ Intense ☐ Other *(Specify)*: _____

Smoking machine: ☐ Linear ☐ Rotary

Number of cigarettes per smoke trap:

Number of smoke traps per replicate:

Number of replicate measurements:

Test date range *(mm/dd/yyyy)*: _____ - _____

Manufacture date range *(mm/dd/yyyy)*: _____ - _____

Extraction method *(80 character limit)*

Separation method *(Select from drop-down list)*:

If Separation Method is "Other," specify here (*No abbreviation; 60 character limit)*

Detection method *(Select from drop-down list)*:

If Detection Method is "Other," specify here *(No abbreviation; 60 character limit)*

Mean quantity of HPHC: _ _ _ . _ _ _ per cigarette

Variance of mean HPHC quantity: _ _ _ . _ _ _

Type of variance:

Unit of measurement for mean and variance per cigarette *(Select one)*

☐ grams ☐ milligrams ☐ micrograms ☐ nanograms ☐ picograms

☐ Other *(Specify unit of mass)*: _____

FDA Contact Telephone Numbers:
FD1-877-CTP-1373; 1-877-287-1373 (9am EST - 4pm EST)

Tobacco Information:
For General Inquiries: AskCTP@fda.hhs.gov

Mail completed form to:
Food and Drug Administration
Center for Tobacco Products
Document Control Center
Building 71, Room G335
10903 New Hampshire Avenue
Silver Spring, MD 20993-0002

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The burden time for this collection of information is estimated to average 60 hours per response, including the time to review instructions, search existing data sources, gather and maintain the data needed and complete and review the collection of information. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden, to the following address:

Department of Health and Human Services
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Office of Operations
Paperwork Reduction Act (PRA) Staff
PRAStaff@fda.hhs.gov

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