



Effective Date:

Monday, October 15, 2018

## Test Updates

### Immediate Action

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, October 15, 2018

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**Test Changes** - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

**Discontinued Tests** - Tests being discontinued with alternate testing suggestions.

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Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this notification, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



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# Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
52488U	Designer Opioids Confirmation (2019 Scope) (Qualitative), Urine					•		•	
52488B	Designer Opioids Confirmation (2019 Scope), Blood					•		•	
52488SP	Designer Opioids Confirmation (2019 Scope), Serum/Plasma					•		•	
52320U	Hallucinogens and Stimulants Confirmation 2 (Qualitative), Urine					•			
8756B	Novel Psychoactive Substances (NPS) Screen 1, Blood					•			
8756SP	Novel Psychoactive Substances (NPS) Screen 1, Serum/Plasma					•			
8756U	Novel Psychoactive Substances (NPS) Screen 1, Urine					•			
8054B	Postmortem, Expanded with NPS, Blood					•			
9566B	Synthetic Cannabinoids (Add-On), Blood			•	•	•			
4282SP	Synthetic Cannabinoids (Qualitative) (2019 Scope), Serum/Plasma			•		•			
5970B	Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood				•	•			
5960B	Synthetic Cannabinoids Confirmation, Blood								•
9560B	Synthetic Cannabinoids Screen (2019 Scope), Blood			•	•	•			



## Test Updates

### Test Changes

#### 52488U Designer Opioids Confirmation (2019 Scope) (Qualitative), Urine

Summary of Changes: Scope of Analysis was changed.  
U-49900, U-51754, Cyclopropylfentanyl, trans-3-Methylfentanyl, cis-3-Methylfentanyl, para-Methylmethoxyacetylfentanyl and U-47700 were added.  
Reference Comment was changed.  
4-Methoxybutyryl Fentanyl, AH-7921, alpha-Methyl Fentanyl, Beta-hydroxythiofentanyl, Butyryl Fentanyl/Isobutyryl Fentanyl, Furanyl Fentanyl, MT-45 and para-Fluorobutyryl Fentanyl/FIBF were removed.

Scope of Analysis: LC-MS/MS (80364): Methoxyacetylfentanyl, 4-ANPP, THF-F, meta-Methylmethoxyacetylfentanyl, para-Methylmethoxyacetylfentanyl, Acryl Fentanyl, para-Fluorofentanyl, ortho-Fluorofentanyl, 2-Furanylfentanyl, U-47700, U-49900, U-51754, Carfentanil, Cyclopropylfentanyl, trans-3-Methylfentanyl, cis-3-Methylfentanyl, Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, Valeryl Fentanyl

Compound Name	Units	Reference Comment
para-Methylmethoxyacetylfentanyl	ng/mL	Para-Methylmethoxyacetylfentanyl is a novel non-prescription synthetic opioid.
ortho-Fluorofentanyl	ng/mL	Ortho-Fluorofentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: ortho-fluorobutyrylfentanyl impurity
U-47700	ng/mL	U-47700 is a novel non-prescription synthetic opioid.
U-49900	ng/mL	U-49900 is a novel non-prescription synthetic opioid.
U-51754	ng/mL	U-51754 is a novel non-prescription synthetic opioid.
Carfentanil	ng/mL	Carfentanil is an opioid analgesic used to immobilize large animals. It is not approved for human use.
Cyclopropylfentanyl	ng/mL	Cyclopropylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: Crotonylfentanyl impurity



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### Test Changes

Compound Name	Units	Reference Comment
trans-3-Methylfentanyl	ng/mL	Trans-3-Methylfentanyl is a novel non-prescription synthetic opioid. Trans-3-methylfentanyl is typically found in combination with its isomer, cis-3-methylfentanyl. Substance(s) known to interfere with the identity and/or quantity of the reported result: crotonyl fentanyl
cis-3-Methylfentanyl	ng/mL	Cis-3-Methylfentanyl is a novel non-prescription synthetic opioid. Cis-3-methylfentanyl is typically found in combination with its isomer, trans-3-methylfentanyl.

#### 52488B Designer Opioids Confirmation (2019 Scope), Blood

Summary of Changes: Scope of Analysis was changed.  
THF-F, meta-Methylmethoxyacetylfentanyl, para-Methylmethoxyacetylfentanyl, 2-Furanylfentanyl, U-49900, U-51754, Cyclopropylfentanyl, trans-3-Methylfentanyl, cis-3-Methylfentanyl, Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl and Methoxyacetylfentanyl were added.  
Reference Comment was changed.  
4-Methoxybutyryl Fentanyl, AH-7921, alpha-Methyl Fentanyl, Beta-hydroxythiofentanyl, Butyryl Fentanyl/Isobutyryl Fentanyl, Furanyl Fentanyl, MT-45, para-Fluorobutyryl Fentanyl/FIBF and U-50488 were removed.

Scope of Analysis: LC-MS/MS (80364): Methoxyacetylfentanyl, 4-ANPP, THF-F, meta-Methylmethoxyacetylfentanyl, para-Methylmethoxyacetylfentanyl, Acryl Fentanyl, para-Fluorofentanyl, ortho-Fluorofentanyl, 2-Furanylfentanyl, U-47700, U-49900, U-51754, Carfentanil, Cyclopropylfentanyl, trans-3-Methylfentanyl, cis-3-Methylfentanyl, Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, Valeryl Fentanyl

Compound Name	Units	Reference Comment
Methoxyacetylfentanyl	ng/mL	Methoxyacetylfentanyl is a novel non-prescription synthetic opioid.
THF-F	ng/mL	THF-F is a novel non-prescription synthetic opioid.
meta-Methylmethoxyacetylfentanyl	ng/mL	Meta-Methylmethoxyacetylfentanyl is a novel non-prescription synthetic opioid.
para-Methylmethoxyacetylfentanyl	ng/mL	Para-Methylmethoxyacetylfentanyl is a novel non-prescription synthetic opioid.
Acryl Fentanyl	ng/mL	Acrylfentanyl is a novel non-prescription synthetic opioid.



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Compound Name	Units	Reference Comment
ortho-Fluorofentanyl	ng/mL	Ortho-Fluorofentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: ortho-fluorobutyrylfentanyl impurity
2-Furanylfentanyl	ng/mL	2-Furanylfentanyl is a novel non-prescription synthetic opioid.
U-49900	ng/mL	U-49900 is a novel non-prescription synthetic opioid.
U-51754	ng/mL	U-51754 is a novel non-prescription synthetic opioid.
Carfentanil	ng/mL	Carfentanil is an opioid analgesic used to immobilize large animals. It is not approved for human use.
Cyclopropylfentanyl	ng/mL	Cyclopropylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: Crotonylfentanyl impurity
trans-3-Methylfentanyl	ng/mL	Trans-3-Methylfentanyl is a novel non-prescription synthetic opioid. Trans-3-methylfentanyl is typically found in combination with its isomer, cis-3-methylfentanyl. Substance(s) known to interfere with the identity and/or quantity of the reported result: crotonyl fentanyl
cis-3-Methylfentanyl	ng/mL	Cis-3-Methylfentanyl is a novel non-prescription synthetic opioid. Cis-3-methylfentanyl is typically found in combination with its isomer, trans-3-methylfentanyl.
Isobutyrylfentanyl	ng/mL	Isobutyrylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: beta-methylfentanyl
Butyrylfentanyl	ng/mL	Butyrylfentanyl is a novel non-prescription synthetic opioid.
para-Fluoroisobutyrylfentanyl	ng/mL	FIBF is a novel non-prescription synthetic opioid.



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Compound Name	Units	Reference Comment
para-Fluorobutyrylfentanyl	ng/mL	Para-fluorobutyrylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: meta-fluorobutyryl fentanyl

#### 52488SP Designer Opioids Confirmation (2019 Scope), Serum/Plasma

Summary of Changes: Scope of Analysis was changed. U-49900, U-51754, Cyclopropylfentanyl, trans-3-Methylfentanyl and cis-3-Methylfentanyl were added. Reference Comment was changed. 4-Methoxybutyryl Fentanyl, AH-7921, alpha-Methyl Fentanyl, Beta-hydroxythiofentanyl, Butyryl Fentanyl/Isobutyryl Fentanyl, Furanyl Fentanyl, MT-45, para-Fluorobutyryl Fentanyl/FIBF and U-50488 were removed.

Scope of Analysis: LC-MS/MS (80364): Methoxyacetylfentanyl, 4-ANPP, THF-F, meta-Methylmethoxyacetylfentanyl, para-Methylmethoxyacetylfentanyl, Acryl Fentanyl, para-Fluorofentanyl, ortho-Fluorofentanyl, 2-Furanylfentanyl, U-47700, U-49900, U-51754, Carfentanil, Cyclopropylfentanyl, trans-3-Methylfentanyl, cis-3-Methylfentanyl, Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, Valeryl Fentanyl

Compound Name	Units	Reference Comment
ortho-Fluorofentanyl	ng/mL	Ortho-Fluorofentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: ortho-fluorobutyrylfentanyl impurity
U-49900	ng/mL	U-49900 is a novel non-prescription synthetic opioid.
U-51754	ng/mL	U-51754 is a novel non-prescription synthetic opioid.
Carfentanil	ng/mL	Carfentanil is an opioid analgesic used to immobilize large animals. It is not approved for human use.
Cyclopropylfentanyl	ng/mL	Cyclopropylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: Crotonylylfentanyl impurity



## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
trans-3-Methylfentanyl	ng/mL	Trans-3-Methylfentanyl is a novel non-prescription synthetic opioid. Trans-3-methylfentanyl is typically found in combination with its isomer, cis-3-methylfentanyl. Substance(s) known to interfere with the identity and/or quantity of the reported result: crotonyl fentanyl
cis-3-Methylfentanyl	ng/mL	Cis-3-Methylfentanyl is a novel non-prescription synthetic opioid. Cis-3-methylfentanyl is typically found in combination with its isomer, trans-3-methylfentanyl.

#### 52320U Hallucinogens and Stimulants Confirmation 2 (Qualitative), Urine

Summary of Changes: Scope of Analysis was changed.  
U-47700 and U-50488 were removed.

Scope of Analysis: GC/MS (80371): 3-Fluorophenmetrazine, 3-MeO-PCP, 4-MeO-PCP, Clephedrone,  
Method (CPT Code) Methoxphenidine, MPHP

#### 8756B Novel Psychoactive Substances (NPS) Screen 1, Blood

Summary of Changes: Scope of Analysis was changed.  
2-Furanylfentanyl, Butyrylfentanyl, cis-3-methylfentanyl, Cyclopropylfentanyl, meta-Methylmethoxyacetylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, THF-F, trans-3-Methylfentanyl, U-49900 and U-51754 were added.  
4-Methoxybutyryl Fentanyl, AH-7921, alpha-Methyl Fentanyl, Beta-hydroxythiofentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, Furanyl Fentanyl, MT-45, para-Fluorobutyryl Fentanyl/FIBF and U-50488 were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-MeO-PCP, 25B-NBOMe, 25C-NBOMe, 25H-NBOMe, 25I-NBOMe, Acetyl Fentanyl, Acryl Fentanyl, alpha-PVP, Bromazepam, Butylone, Butyrylfentanyl, BZP, Carfentanil, cis-3-methylfentanyl, Clephedrone, Clonazepam, Cyclopropylfentanyl, Delorazepam, Deschloroetizolam, Dibutylone, Diclazepam, Ethylone, Etizolam, Flubromazepam, Flubromazolam, Isobutyrylfentanyl, MDPV, Meclonazepam, Mephedrone, meta-Methylmethoxyacetylfentanyl, Methoxetamine, Methoxyacetylfentanyl, Methoxphenidine, Methylone, Mitragynine, MPHP, N-Ethyl Pentylone, ortho-Fluorofentanyl, para-Fluorobutyrylfentanyl, para-Fluorofentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, Pentadron, Pentylone, Phenazepam, Pyrazolam, TFMPP, THF-F, trans-3-Methylfentanyl, U-47700, U-49900, U-51754, Valeryl Fentanyl



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### Test Changes

Compound Name	Units	Reference Comment
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
Butyrylfentanyl	ng/mL	
cis-3-methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
meta-Methylmethoxyacetylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
para-Methylmethoxyacetylfentanyl	ng/mL	
THF-F	ng/mL	
trans-3-Methylfentanyl	ng/mL	
U-49900	ng/mL	
U-51754	ng/mL	

#### 8756SP Novel Psychoactive Substances (NPS) Screen 1, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.  
2-Furanylfentanyl, Butyrylfentanyl, cis-3-methylfentanyl, Cyclopropylfentanyl, meta-Methylmethoxyacetylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, THF-F, trans-3-Methylfentanyl, U-49900 and U-51754 were added.  
4-Methoxybutyryl Fentanyl, AH-7921, alpha-Methyl Fentanyl, Beta-hydroxythiofentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, Furanyl Fentanyl, MT-45, para-Fluorobutyryl Fentanyl/FIBF and U-50488 were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-MeO-PCP, 25B-NBOMe, 25C-NBOMe, 25H-NBOMe, 25I-NBOMe, Acetyl Fentanyl, Acryl Fentanyl, alpha-PVP, Bromazepam, Butylone, Butyrylfentanyl, BZP, Carfentanil, cis-3-methylfentanyl, Clephedrone, Clonazepam, Cyclopropylfentanyl, Delorazepam, Deschloroetizolam, Dibutylone, Diclazepam, Ethylone, Etizolam, Flubromazepam, Flubromazolam, Isobutyrylfentanyl, MDPV, Meclonazepam, Mephedrone, meta-Methylmethoxyacetylfentanyl, Methoxetamine, Methoxyacetylfentanyl, Methoxphenidine, Methylone, Mitragynine, MPHP, N-Ethyl Pentylone, ortho-Fluorofentanyl, para-Fluorobutyrylfentanyl, para-Fluorofentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, Pentedrone, Pentylone, Phenazepam, Pyrazolam, TFMPP, THF-F, trans-3-Methylfentanyl, U-47700, U-49900, U-51754, Valeryl Fentanyl

Compound Name	Units	Reference Comment
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
Butyrylfentanyl	ng/mL	





## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
cis-3-methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
meta-Methylmethoxyacetylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
para-Methylmethoxyacetylfentanyl	ng/mL	
THF-F	ng/mL	
trans-3-Methylfentanyl	ng/mL	
U-49900	ng/mL	
U-51754	ng/mL	

#### 8756U Novel Psychoactive Substances (NPS) Screen 1, Urine

Summary of Changes: Scope of Analysis was changed. cis-3-methylfentanyl, Cyclopropylfentanyl, meta-Methylmethoxyacetylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, THF-F, trans-3-Methylfentanyl, U-51754, U-47700, 2-Furanylfentanyl and Butyrylfentanyl were added. 4-Methoxybutyryl Fentanyl, AH-7921, alpha-Methyl Fentanyl, Beta-hydroxythiofentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, Furanyl Fentanyl, MT-45, para-Fluorobutyryl Fentanyl/FIBF and U-50488 were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-MeO-PCP, 25B-NBOMe, 25C-NBOMe, 25H-NBOMe, 25I-NBOMe, Acetyl Fentanyl, Acryl Fentanyl, alpha-PVP, Bromazepam, Butylone, Butyrylfentanyl, BZP, Carfentanil, cis-3-methylfentanyl, Clephedrone, Clonazepam, Cyclopropylfentanyl, Delorazepam, Deschloroetizolam, Dibutylone, Diclazepam, Ethylone, Etizolam, Flubromazepam, Flubromazolam, Isobutyrylfentanyl, MDPV, Meclonazepam, meta-Methylmethoxyacetylfentanyl, Methoxyacetylfentanyl, Mephedrone, Methoxetamine, Methoxphenidine, Methylone, Mitragynine, MPHP, N-Ethyl Pentylone, ortho-Fluorofentanyl, para-Fluorobutyrylfentanyl, para-Fluorofentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, Pentedrone, Pentylone, Phenazepam, Pyrazolam, THF-F, TFMPP, trans-3-Methylfentanyl, U-49900, U-51754, U-47700, Valeryl Fentanyl

Compound Name	Units	Reference Comment
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
Butyrylfentanyl	ng/mL	
cis-3-methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
meta-Methylmethoxyacetylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	



# Test Updates

## Test Changes

Compound Name	Units	Reference Comment
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
para-Methylmethoxyacetylfentanyl	ng/mL	
THF-F	ng/mL	
trans-3-Methylfentanyl	ng/mL	
U-51754	ng/mL	
U-47700	ng/mL	

### 8054B Postmortem, Expanded with NPS, Blood

Summary of Changes: Scope of Analysis was changed.  
 2-Furanylfentanyl, 4-cyano-CUMYL-BINACA, ADMB-FUBINACA, MMB-FUBICA, 5-fluoro-QU-PINAC, 5-fluoro-MMB-PINACA, MMB-FUBINACA, 5-fluoro-MDMB-PICA, MDMB-FUBICA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, ADMB-CHMINACA, AMB-FUBINACA, ADMB-FUBICA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC, ADAMANTYL-FUBINACA, Butyrylfentanyl, cis-3-methylfentanyl, Cyclopropylfentanyl, meta-Methylmethoxyacetylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, THF-F, trans-3-Methylfentanyl, U-49900 and U-51754 were added.  
 4-Methoxybutyryl Fentanyl, 5F-AB-001, 5F-ADB, 5F-ADBICA, 5F-ADB-PINACA, 5F-AMB, 5F-APICA, 5F-APINACA (5F-AKB-48), 5F-MN-18, 5F-PB-22, AB-CHMINACA, AB-FUBINACA, AB-PINACA, ADB-CHMINACA, ADB-FUBINACA, ADBICA, ADB-PINACA, AH-7921, alpha-Methyl Fentanyl, AM-2201, AMB, APICA, APINACA (AKB-48), APP-CHMINACA (PX3), Beta-hydroxythiofentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, EG-2201, FUB-144, FUB-AKB-48, FUB-AMB, FUB-JWH-018, FUB-PB-22, Furanyl Fentanyl, JWH-018, JWH-122, MA-CHMINACA, MDMB-CHMINACA, MDMB-FUBINACA, MMB-CHMINACA (MDMB-CHMICA), MO-CHMINACA, MT-45, NM-2201, para-Fluorobutyryl Fentanyl / FIBF, PX1, PX2, THJ-018, THJ-2201, U-50488, UR-144 and XLR-11 were removed.

Scope of Analysis:  
Method (CPT Code)

Compound Name	Units	Reference Comment
AMB-FUBINACA	ng/mL	
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
ADMB-FUBICA	ng/mL	
4-cyano-CUMYL-BINACA	ng/mL	
ADMB-FUBINACA	ng/mL	
MMB-FUBICA	ng/mL	
5-fluoro-QU-PINAC	ng/mL	



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Compound Name	Units	Reference Comment
5-fluoro-MMB-PINACA	ng/mL	This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.
MMB-FUBINACA	ng/mL	This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.
5-fluoro-MDMB-PICA	ng/mL	
MDMB-FUBICA	ng/mL	
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	ng/mL	
AMB-CHMINACA	ng/mL	
MDMB-FUBINACA / EMB-FUBINACA	ng/mL	
NA-FUBIM	ng/mL	
5-fluoro-EDMB-PINACA	ng/mL	
ADMB-CHMINACA	ng/mL	
5-fluoro-NA-PIC	ng/mL	
MDMB-CHMICA	ng/mL	
MMB-CHMINACA	ng/mL	
NA-FUBIC	ng/mL	
MDMB-CHMINAC	ng/mL	
ADAMANTYL-FUBINACA	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
meta-	ng/mL	
Methylmethoxyacetylfentanyl		
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
para-	ng/mL	
Methylmethoxyacetylfentanyl		
THF-F	ng/mL	
trans-3-Methylfentanyl	ng/mL	
U-49900	ng/mL	
U-51754	ng/mL	

#### 9566B Synthetic Cannabinoids (Add-On), Blood

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.  
Scope of Analysis was changed.  
AMB-FUBINACA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, ADMB-FUBINACA, MMB-FUBICA, 5-fluoro-QU-PINAC, 5-fluoro-MMB-PINACA, MMB-FUBINACA, 5-fluoro-MDMB-PICA, MDMB-FUBICA, 5-fluoro-MDMB-



# Test Updates

## Test Changes

PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, ADMB-CHMINACA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC and ADAMANTYL-FUBINACA were added.  
5F-AB-001, 5F-ADB, 5F-ADBICA, 5F-ADB-PINACA, 5F-AMB, 5F-APICA, 5F-APINACA (5F-AKB-48), 5F-MN-18, 5F-PB-22, AB-CHMINACA, AB-FUBINACA, AB-PINACA, ADB-CHMINACA, ADB-FUBINACA, ADBICA, ADB-PINACA, AM-2201, AMB, APICA, APINACA (AKB-48), APP-CHMINACA (PX3), EG-2201, FUB-144, FUB-AKB-48, FUB-AMB, FUB-JWH-018, FUB-PB-22, JWH-018, JWH-122, MA-CHMINACA, MDMB-CHMINACA, MDMB-FUBINACA, MMB-CHMINACA (MDMB-CHMICA), MO-CHMINACA, NM-2201, PX1, PX2, THJ-018, THJ-2201, UR-144 and XLR-11 were removed.

Specimen Requirements: 5 mL Blood  
 Transport Temperature: Frozen  
 Specimen Container: Lavender top tube (EDTA)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: Received Room Temperature. Received Refrigerated.  
 Stability: Room Temperature: Not Stable  
 Refrigerated: 1 day(s)  
 Frozen (-20 °C): 14 day(s)  
 Scope of Analysis: LC-MS/MS QTRAP (80307): AMB-FUBINACA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, ADMB-FUBINACA, MMB-FUBICA, 5-fluoro-QU-PINAC, 5-fluoro-MMB-PINACA, MMB-FUBINACA, CUMYL-THPINACA, 5-fluoro-MDMB-PICA, MDMB-FUBICA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, ADMB-CHMINACA, MMB-CHMICA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA

Compound Name	Units	Reference Comment
AMB-FUBINACA	ng/mL	
ADMB-FUBICA	ng/mL	
4-cyano-CUMYL-BINACA	ng/mL	
ADMB-FUBINACA	ng/mL	
MMB-FUBICA	ng/mL	
5-fluoro-QU-PINAC	ng/mL	
5-fluoro-MMB-PINACA	ng/mL	This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.
MMB-FUBINACA	ng/mL	This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.
5-fluoro-MDMB-PICA	ng/mL	
MDMB-FUBICA	ng/mL	



## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	ng/mL	
AMB-CHMINACA	ng/mL	
MDMB-FUBINACA / EMB-FUBINACA	ng/mL	
NA-FUBIM	ng/mL	
5-fluoro-EDMB-PINACA	ng/mL	
ADMB-CHMINACA	ng/mL	
5-fluoro-NA-PIC	ng/mL	
MDMB-CHMICA	ng/mL	
MMB-CHMINACA	ng/mL	
NA-FUBIC	ng/mL	
MDMB-CHMINAC	ng/mL	
ADAMANTYL-FUBINACA	ng/mL	

#### 4282SP Synthetic Cannabinoids (Qualitative) (2019 Scope), Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Scope of Analysis was changed.  
AMB-FUBINACA, 5-fluoro-MMB-PINACA, ADMB-FUBINACA, MDMB-FUBICA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, 5-fluoro-MDMB-PICA, MMB-FUBICA, ADMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, 5-fluoro-EDMB-PINACA, NA-FUBIM, 5-fluoro-QU-PINAC, NA-FUBIC, MDMB-CHMICA, 5-fluoro-NA-PIC, MMB-CHMINACA, MDMB-CHMINAC and ADAMANTYL-FUBINACA were added.  
5F-AB-001, 5F-ADB, 5F-ADBICA, 5F-ADB-PINACA, 5F-AMB, 5F-APICA, 5F-APINACA (5F-AKB-48), 5F-MN-18, 5F-PB-22, AB-CHMINACA, AB-FUBINACA, AB-PINACA, ADB-CHMINACA, ADB-FUBINACA, ADBICA, ADB-PINACA, AMB, APICA, APP-CHMINACA (PX3), FUB-144, FUB-AKB-48, FUB-AMB, FUB-JWH-018, FUB-PB-22, MA-CHMINACA, MDMB-CHMINACA, MDMB-FUBINACA, MMB-CHMINACA (MDMB-CHMICA), MO-CHMINACA, NM-2201, PX1, PX2 and THJ-018 were removed.

Specimen Requirements: 3 mL Serum or Plasma  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: Serum: Collect sample in Red top tube  
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.  
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.  
Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).



Effective Date:  
Monday, October 15, 2018

## Test Updates

### Test Changes

Scope of Analysis: LC-MS/MS (80352): 5-fluoro-MMB-PINACA, CUMYL-THPINACA, MDMB-FUBICA, MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, 5-fluoro-EDMB-PINACA, NA-FUBIM, 5-fluoro-QU-PINAC, MMB-CHMICA, NA-FUBIC, MDMB-CHMICA, 5-fluoro-NA-PIC, MMB-CHMINACA, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA  
Method (CPT Code) LC-MS/MS (80352): AMB-FUBINACA, ADMB-FUBINACA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, AMB-CHMINACA, 5-fluoro-MDMB-PICA, ADMB-CHMINACA

Compound Name	Units	Reference Comment
5-fluoro-MMB-PINACA	ng/mL	<p>5-fluoro-MMB-PINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p> <p>This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.</p>
AMB-FUBINACA	ng/mL	<p>AMB-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p>
ADMB-FUBINACA	ng/mL	<p>ADMB-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p>
MDMB-FUBICA	ng/mL	<p>MDMB-FUBICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p>
ADMB-FUBICA	ng/mL	<p>ADMB-FUBICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.</p>



Effective Date:  
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## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
MMB-FUBINACA	ng/mL	<p>MMB-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p> <p>This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.</p>
4-cyano-CUMYL-BINACA	ng/mL	<p>4-cyano-CUMYL-BINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.</p>
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	ng/mL	<p>5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.</p>
AMB-CHMINACA	ng/mL	<p>AMB-CHMINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p>
MMB-FUBICA	ng/mL	<p>MMB-FUBICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.</p>
5-fluoro-MDMB-PICA	ng/mL	<p>5-fluoro-MDMB-PICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.</p>





Effective Date:  
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## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
MDMB-FUBINACA / EMB-FUBINACA	ng/mL	MDMB-FUBINACA / EMB-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
ADMB-CHMINACA	ng/mL	ADMB-CHMINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.
5-fluoro-EDMB-PINACA	ng/mL	5-fluoro-EDMB-PINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
NA-FUBIM	ng/mL	NA-FUBIM is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
5-fluoro-QU-PINAC	ng/mL	5-fluoro-QU-PINAC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
NA-FUBIC	ng/mL	NA-FUBIC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
MDMB-CHMICA	ng/mL	MDMB-CHMICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.





Effective Date:  
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## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
5-fluoro-NA-PIC	ng/mL	5-fluoro-NA-PIC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.
MMB-CHMINACA	ng/mL	MMB-CHMINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.
MDMB-CHMINAC	ng/mL	MDMB-CHMINAC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
ADAMANTYL-FUBINACA	ng/mL	ADAMANTYL-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.

#### 5970B Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood

Summary of Changes: Stability was changed.  
Scope of Analysis was changed.  
MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, 5-fluoro-EDMB-PINACA, NA-FUBIM, 5-fluoro-QU-PINAC, NA-FUBIC, MDMB-CHMICA, 5-fluoro-NA-PIC, MMB-CHMINACA, MDMB-CHMINAC, ADAMANTYL-FUBINACA, 5-fluoro-MMB-PINACA and MDMB-FUBICA were added.  
5F-AB-001, 5F-ADB, 5F-AMB, 5F-APICA, 5F-APINACA (5F-AKB-48), 5F-MN-18, 5F-PB-22, AMB, APICA, APINACA (AKB-48), EG-2201, FUB-144, FUB-AKB-48, FUB-AMB, FUB-JWH-018, FUB-PB-22, MA-CHMINACA, MDMB-CHMINACA, MDMB-FUBINACA, MMB-CHMINACA (MDMB-CHMICA), MO-CHMINACA, NM-2201, THJ-018 and THJ-2201 were removed.

Stability: Room Temperature: Not Stable  
Refrigerated: 1 day(s)  
Frozen (-20 °C): 14 day(s)



Effective Date:  
Monday, October 15, 2018

## Test Updates

### Test Changes

Scope of Analysis: LC-MS/MS (80352): 5-fluoro-MMB-PINACA, CUMYL-THPINACA, MDMB-FUBICA, MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, 5-fluoro-EDMB-PINACA, NA-FUBIM, 5-fluoro-QU-PINAC, MMB-CHMICA, NA-FUBIC, MDMB-CHMICA, 5-fluoro-NA-PIC, MMB-CHMINACA, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA

Compound Name	Units	Reference Comment
5-fluoro-MMB-PINACA	ng/mL	<p>5-fluoro-MMB-PINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p> <p>This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.</p>
MDMB-FUBICA	ng/mL	<p>MDMB-FUBICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p>
MMB-FUBINACA	ng/mL	<p>MMB-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p> <p>This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.</p>
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	ng/mL	<p>5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.</p>



Effective Date:  
Monday, October 15, 2018

## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
MMB-FUBICA	ng/mL	MMB-FUBICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
MDMB-FUBINACA / EMB-FUBINACA	ng/mL	MDMB-FUBINACA / EMB-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
5-fluoro-EDMB-PINACA	ng/mL	5-fluoro-EDMB-PINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
NA-FUBIM	ng/mL	NA-FUBIM is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
5-fluoro-QU-PINAC	ng/mL	5-fluoro-QU-PINAC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
NA-FUBIC	ng/mL	NA-FUBIC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
MDMB-CHMICA	ng/mL	MDMB-CHMICA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.



## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
5-fluoro-NA-PIC	ng/mL	5-fluoro-NA-PIC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.
MMB-CHMINACA	ng/mL	MMB-CHMINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.
MDMB-CHMINAC	ng/mL	MDMB-CHMINAC is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. No studies have been performed to evaluate the pharmacological effects of this compound.
ADAMANTYL-FUBINACA	ng/mL	ADAMANTYL-FUBINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.

#### 9560B Synthetic Cannabinoids Screen (2019 Scope), Blood

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.  
Scope of Analysis was changed.  
4-cyano-CUMYL-BINACA, ADMB-FUBINACA, MMB-FUBINACA, 5-fluoro-QU-PINAC, 5-fluoro-MMB-PINACA, MMB-FUBINACA, 5-fluoro-MDMB-PICA, MDMB-FUBICA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, AMB-FUBINACA, ADMB-FUBICA, ADMB-CHMINACA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC and ADAMANTYL-FUBINACA were added.  
5F-AB-001, 5F-ADB, 5F-ADBICA, 5F-ADB-PINACA, 5F-AMB, 5F-APICA, 5F-APINACA (5F-AKB-48), 5F-MN-18, 5F-PB-22, AB-CHMINACA, AB-FUBINACA, AB-PINACA, ADB-CHMINACA, ADB-FUBINACA, ADBICA, ADB-PINACA, AM-2201, AMB, APICA, APINACA (AKB-48), APP-CHMINACA (PX3), EG-2201, FUB-144, FUB-AKB-48, FUB-AMB, FUB-JWH-018, FUB-PB-22, JWH-018, JWH-122, MA-CHMINACA, MDMB-CHMINACA, MDMB-FUBINACA, MMB-CHMINACA (MDMB-CHMICA), MO-CHMINACA, NM-2201, PX1, PX2, THJ-018, THJ-2201, UR-144 and XLR-11 were removed.



## Test Updates

### Test Changes

Specimen Requirements: 5 mL Blood  
 Transport Temperature: Frozen  
 Specimen Container: Lavender top tube (EDTA)  
 Light Protection: Not Required  
 Special Handling: None  
 Rejection Criteria: Received Room Temperature. Received Refrigerated.  
 Stability: Room Temperature: Not Stable  
 Refrigerated: 1 day(s)  
 Frozen (-20 °C): 14 day(s)  
 Scope of Analysis: LC-MS/MS QTRAP (80307): AMB-FUBINACA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, ADMB-FUBINACA, MMB-FUBICA, 5-fluoro-QU-PINAC, 5-fluoro-MMB-PINACA, MMB-FUBINACA, CUMYL-THPINACA, 5-fluoro-MDMB-PICA, MDMB-FUBICA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, ADMB-CHMINACA, MMB-CHMICA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA

Compound Name	Units	Reference Comment
AMB-FUBINACA	ng/mL	
ADMB-FUBICA	ng/mL	
4-cyano-CUMYL-BINACA	ng/mL	
ADMB-FUBINACA	ng/mL	
MMB-FUBICA	ng/mL	
5-fluoro-QU-PINAC	ng/mL	
5-fluoro-MMB-PINACA	ng/mL	This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.
MMB-FUBINACA	ng/mL	This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.
5-fluoro-MDMB-PICA	ng/mL	
MDMB-FUBICA	ng/mL	
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	ng/mL	
AMB-CHMINACA	ng/mL	
MDMB-FUBINACA / EMB-FUBINACA	ng/mL	
NA-FUBIM	ng/mL	
5-fluoro-EDMB-PINACA	ng/mL	
ADMB-CHMINACA	ng/mL	
5-fluoro-NA-PIC	ng/mL	
MDMB-CHMICA	ng/mL	
MMB-CHMINACA	ng/mL	
NA-FUBIC	ng/mL	



Effective Date:

Monday, October 15, 2018

## Test Updates

### Test Changes

Compound Name	Units	Reference Comment
MDMB-CHMINAC	ng/mL	
ADAMANTYL-FUBINACA	ng/mL	



Effective Date:

Monday, October 15, 2018

## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
5960B	Synthetic Cannabinoids Confirmation, Blood	No Alternate Tests Available