



Effective Date:
Monday, June 17, 2019

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, June 17, 2019

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.

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 Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
55090B	Amphetamines Confirmation (DUID/DRE), Blood (CSA)					•			
54016B	Amphetamines Confirmation (Drug Impaired Driving/DRE Toxicology), Blood (CSA)								•
55080U	Amphetamines Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
52491B	Amphetamines Confirmation, Blood					•			
55079B	Amphetamines Confirmation, Blood (CSA)					•			
52491SP	Amphetamines Confirmation, Serum/Plasma					•			
52491U	Amphetamines Confirmation, Urine					•			
90029U	Antidepressants Screen, Urine (CSA)								•
52235B	Bath Salts Confirmation, Blood					•			
52235FL	Bath Salts Confirmation, Fluid					•			
52235SP	Bath Salts Confirmation, Serum/Plasma					•			
52235TI	Bath Salts Confirmation, Tissue					•			
52235U	Bath Salts Confirmation, Urine					•			
55057U	Benzodiazepines Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
55055U	Carisoprodol and Metabolite Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
54392B	Clozapine and Metabolite Confirmation (DUID/DRE), Blood (CSA)								•
55058U	Cocaine and Metabolites Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
54458B	DUID/DRE Designer Opioids (2018 Scope) Confirmation, Blood					•			
54458U	DUID/DRE Designer Opioids (2018 Scope) Confirmation, Urine					•			
8152B	DUID/DRE Expanded Drug Screen Add-On ProofPOSITIVE®, Blood (Forensic)					•			
8075U	DUID/DRE Expanded Drug Screen Add-On, Urine (Forensic)					•			
10041B	DUID/DRE Panel, Blood (Forensic) (CSA) - NC SCL								•
10010U	DUID/DRE Panel, Urine (Forensic) (CSA) - IN State Tox Lab								•
54457B	DUID/DRE Substituted Cathinone Confirmation, Blood					•			
54457U	DUID/DRE Substituted Cathinone Confirmation, Urine					•			



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Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
10189U	Designer Fentanyl Panel (Qualitative), Urine (CSA)								•
52500B	Designer Opioids (2018 Scope) Confirmation, Blood					•			
52500SP	Designer Opioids (2018 Scope) Confirmation, Serum/Plasma					•			
52500U	Designer Opioids (2018 Scope) Confirmation, Urine					•			
54396B	Dextro/Levo Methorphan Confirmation (DUID/DRE), Blood (CSA)								•
8030B	Drug Facilitated Crime Panel, Blood (Forensic)					•			
8030SP	Drug Facilitated Crime Panel, Serum/Plasma (Forensic)					•			
8098B	Drug Screen (GC/MS), Blood					•			
8098SP	Drug Screen (GC/MS), Serum/Plasma					•			
8098U	Drug Screen (GC/MS), Urine					•			
1876B	Drug Screen - Expanded, Blood					•			
1876FL	Drug Screen - Expanded, Fluid					•			
1876SP	Drug Screen - Expanded, Serum/Plasma					•			
1876U	Drug Screen - Expanded, Urine					•			
90023B	Expanded Drug Screen (DUID/DRE), Blood (Forensic) (CSA)					•			
55054U	Fentanyl and Metabolite Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
54449B	Flunitrazepam, Nitrazepam Confirmation (DUID/DRE), Blood (CSA)								•
51867B	GC/MS Acidic Confirmation (Qualitative), Blood								•
51867FL	GC/MS Acidic Confirmation (Qualitative), Fluid								•
51867SP	GC/MS Acidic Confirmation (Qualitative), Serum/Plasma								•
51867TI	GC/MS Acidic Confirmation (Qualitative), Tissue								•
51867U	GC/MS Acidic Confirmation (Qualitative), Urine								•
51866B	GC/MS Confirmation (Qualitative), Blood								•
51866FL	GC/MS Confirmation (Qualitative), Fluid								•
51866SP	GC/MS Confirmation (Qualitative), Serum/Plasma								•
51866TI	GC/MS Confirmation (Qualitative), Tissue								•
51866U	GC/MS Confirmation (Qualitative), Urine								•
1860B	GC/MS Drug Screen (Acid/Neutral), Blood (Forensic)			•		•			



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10053U	GC/MS Drug Screen, Urine (CSA)					•			
2143B	Gabapentin, Blood			•					
54262B	Lidocaine and Metabolite (MEGX) Confirmation (DUID/DRE), Blood (CSA)								•
54341B	MDMA / Methedrone Confirmation (Qualitative) (DUID/DRE), Blood								•
54447B	MDMA / Methedrone Confirmation (Qualitative) (DUID/DRE), Blood (CSA)								•
54341U	MDMA / Methedrone Confirmation (Qualitative) (DUID/DRE), Urine								•
52412B	MDMA / Methedrone Confirmation (Qualitative), Blood								•
52412SP	MDMA / Methedrone Confirmation (Qualitative), Serum/Plasma								•
52412U	MDMA / Methedrone Confirmation (Qualitative), Urine								•
54448B	MDMA Confirmation (DUID/DRE), Blood (CSA)								•
54323B	MDMA Confirmation (Qualitative) (DUID/DRE), Blood (CSA)								•
55059U	MDMA Confirmation (Qualitative) (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
52434B	MDMA Confirmation, Blood								•
52434SP	MDMA Confirmation, Serum/Plasma								•
52434U	MDMA Confirmation, Urine								•
54266B	Meclizine Confirmation (DUID/DRE), Blood (CSA)								•
55060U	Methadone Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
54390B	Methylphenidate and Metabolite Confirmation (DUID/DRE), Blood (CSA)								•
52088B	Nifedipine Confirmation, Blood			•					
3158B	Nifedipine, Blood			•					
10101U	Novel Psychoactive Substances (NPS) (Qualitative), Urine (CSA)					•			
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					•			
8210B	Novel Psychoactive Substances (NPS) Screen 2, Blood					•			
8210SP	Novel Psychoactive Substances (NPS) Screen 2, Serum/Plasma					•			



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8210U	Novel Psychoactive Substances (NPS) Screen 2, Urine					•			
55061U	Opiates - Total (Unconjugated) Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•
54178B	Orphenadrine Confirmation (DUID/DRE), Blood (CSA)								•
52389B	Phenethylamines Confirmation 2 (Qualitative), Blood					•			
52389SP	Phenethylamines Confirmation 2 (Qualitative), Serum/Plasma					•			
52389U	Phenethylamines Confirmation 2 (Qualitative), Urine					•			
54393B	Piperazine Designer Drugs Confirmation (DUID/DRE), Blood (CSA)								•
8063B	Postmortem, Basic to Expanded Upgrade, Blood (Forensic)					•			
8063FL	Postmortem, Basic to Expanded Upgrade, Fluid (Forensic)					•			
8063SP	Postmortem, Basic to Expanded Upgrade, Serum/Plasma (Forensic)					•			
8063TI	Postmortem, Basic to Expanded Upgrade, Tissue (Forensic)					•			
8063U	Postmortem, Basic to Expanded Upgrade, Urine (Forensic)					•			
38052B	Postmortem, Expanded -I, Blood (Forensic) (SSA)					•			
8042B	Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic)					•			
10052B	Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)					•			
8057B	Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood - University of MI (CSA)					•			
8062B	Postmortem, Expanded w/o Alcohol, Blood (Forensic)					•			
8062FL	Postmortem, Expanded w/o Alcohol, Fluid (Forensic)					•			
8062TI	Postmortem, Expanded w/o Alcohol, Tissue (Forensic)					•			
8062U	Postmortem, Expanded w/o Alcohol, Urine (Forensic)					•			
8054B	Postmortem, Expanded with NPS, Blood					•			
8052B	Postmortem, Expanded, Blood (Forensic)					•			
90025B	Postmortem, Expanded, Blood (Forensic) (CSA)					•			
8052FL	Postmortem, Expanded, Fluid (Forensic)					•			
8052SP	Postmortem, Expanded, Serum/Plasma (Forensic)					•			



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8052TI	Postmortem, Expanded, Tissue (Forensic)					•			
8052U	Postmortem, Expanded, Urine (Forensic)					•			
38042B	Postmortem, Expanded-I, with Vitreous Alcohol Confirmation, Blood (Forensic) (SSA)					•			
39052B	Postmortem, Expanded-II, Blood (Forensic) (SSA)					•			
39042B	Postmortem, Expanded-II, with Vitreous Alcohol Confirmation, Blood (Forensic) (SSA)					•			
8043B	Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic)			•		•			
10092B	Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)			•		•			
10151B	Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)			•		•			
8092B	Postmortem, Expert, Blood (Forensic)			•		•			
8092FL	Postmortem, Expert, Fluid (Forensic)					•			
8092SP	Postmortem, Expert, Serum/Plasma (Forensic)					•			
8092TI	Postmortem, Expert, Tissue (Forensic)					•			
8092U	Postmortem, Expert, Urine (Forensic)					•			
4177B	Postmortem, SUIDS Screen, Blood (Forensic)	•				•			
52106FL	Primidone and PEMA Confirmation, Fluid	•				•			
52106SP	Primidone and PEMA Confirmation, Serum/Plasma	•				•			
52106TI	Primidone and PEMA Confirmation, Tissue	•				•			
52106B	Primidonel and PEMA Confirmation, Blood	•				•			
52107FL	Procainamide and NAPA Confirmation, Fluid								•
52107TI	Procainamide and NAPA Confirmation, Tissue								•
54391B	Quetiapine Confirmation (DUID/DRE), Blood (CSA)								•
52494B	Substituted Cathinone Confirmation, Blood					•			
52494SP	Substituted Cathinone Confirmation, Serum/Plasma					•			
52494U	Substituted Cathinone Confirmation, Urine					•			
55053U	Zolpidem Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA								•



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Test Changes

55090B Amphetamines Confirmation (DUID/DRE), Blood (CSA)

Summary of Changes: Scope of Analysis was changed.
MDMA was added.

Scope of Analysis: LC-MS/MS (80326, 80359): Ephedrine, Pseudoephedrine, Phenylpropanolamine,
Method (CPT Code) Norpseudoephedrine, Amphetamine, Phentermine, Methamphetamine, MDA, MDEA,
MDMA

Compound Name	Units	Reference Comment
MDMA	ng/mL	

55079B Amphetamines Confirmation, Blood (CSA)

Summary of Changes: Scope of Analysis was changed.
MDMA was added.

Scope of Analysis: LC-MS/MS (80326, 80359): Amphetamine, Methamphetamine, MDA, MDEA, MDMA
Method (CPT Code)

Compound Name	Units	Reference Comment
MDMA	ng/mL	Following a single 50 mg oral dose, the mean peak plasma concentration was 110 ng/mL at 2 hours.

52491B Amphetamines Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
MDMA was added.

Scope of Analysis: LC-MS/MS (80326, 80359): Amphetamine, Methamphetamine, MDA, MDMA
Method (CPT Code)

Compound Name	Units	Reference Comment
MDMA	ng/mL	MDA is a metabolite of MDMA and methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties. The peak concentration of the MDA metabolite following a 110 mg dose of MDMA was reported as 28 ng/mL at 4 hours. The blood to plasma ratio of MDA is approximately 1.2 - 1.3

52491SP Amphetamines Confirmation, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
MDMA was added.

Scope of Analysis: LC-MS/MS (80326, 80359): Amphetamine, Methamphetamine, MDA, MDMA
Method (CPT Code)



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Test Changes

Compound Name	Units	Reference Comment
MDMA	ng/mL	MDA is a metabolite of MDMA and methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties. The peak concentration of the MDA metabolite following a 110 mg dose of MDMA was reported as 28 ng/mL at 4 hours.

52491U Amphetamines Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
MDMA was added.

Scope of Analysis: LC-MS/MS (80326, 80359): Amphetamine, Methamphetamine, MDA, MDMA
Method (CPT Code)

Compound Name	Units	Reference Comment
MDMA	ng/mL	

52235B Bath Salts Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
MDPV, Mephedrone and Methylone were removed.

Scope of Analysis: LC-MS/MS (80371): alpha-PVP, Methoxetamine
Method (CPT Code)

52235FL Bath Salts Confirmation, Fluid

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
MDPV, Mephedrone and Methylone were removed.

Scope of Analysis: LC-MS/MS (80371): alpha-PVP, Methoxetamine
Method (CPT Code)

52235SP Bath Salts Confirmation, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
MDPV, Mephedrone and Methylone were removed.

Scope of Analysis: LC-MS/MS (80371): alpha-PVP, Methoxetamine
Method (CPT Code)

52235TI Bath Salts Confirmation, Tissue



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
MDPV, Mephedrone and Methylone were removed.

Scope of Analysis: LC-MS/MS (80371): alpha-PVP, Methoxetamine
Method (CPT Code)

52235U Bath Salts Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
MDPV, Mephedrone and Methylone were removed.

Scope of Analysis: LC-MS/MS (80371): alpha-PVP, Methoxetamine
Method (CPT Code)

54458B DUID/DRE Designer Opioids (2018 Scope) Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.

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

Compound Name	Units	Reference Comment
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.
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
Methoxyacetylfentanyl	ng/mL	Methoxyacetylfentanyl is a novel non-prescription synthetic opioid.
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



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Compound Name	Units	Reference Comment
Valeryl Fentanyl	ng/mL	Valeryl fentanyl is a novel non-prescription synthetic opioid.

54458U DUID/DRE Designer Opioids (2018 Scope) Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.

Scope of Analysis: LC-MS/MS (80364): 4-ANPP, Acryl Fentanyl, 2-Furanylfentanyl, Carfentanil, Method (CPT Code) Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

Compound Name	Units	Reference Comment
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.
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
Methoxyacetylfentanyl	ng/mL	Methoxyacetylfentanyl is a novel non-prescription synthetic opioid.
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
Valeryl Fentanyl	ng/mL	Valeryl fentanyl is a novel non-prescription synthetic opioid.

8152B DUID/DRE Expanded Drug Screen Add-On ProofPOSITIVE®, Blood (Forensic)



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Furanyl Fentanyl, MDMA, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 7-Amino Flunitrazepam, 9-Hydroxyrisperidone, 10-Hydroxycarbazepine, Acryl Fentanyl, Alfentanil, Amitriptyline, Amoxapine, Aripiprazole, Brompheniramine, Bupropion, Buspirone, Butylone, Butyrylfentanyl, BZP, Caffeine, Carbamazepine, Carbamazepine-10,11-Epoxyde, Carfentanil, Chlorpheniramine, Chlorpromazine, cis-3-Methylfentanyl, Citalopram / Escitalopram, Clomipramine, Clonazepam, Clonidine, Clozapine, Cyclobenzaprine, Cyclopropylfentanyl, Delorazepam, Desipramine, Desmethylclomipramine, Desmethyldoxepin, Desmethylsertraline, Desmethyltrimipramine, Dextro / Levo Methorphan, Dextrorphan / Levorphanol, Dicyclomine, Dibutylone, Diclazepam, Diltiazem, Diphenhydramine, Doxepin, Doxylamine, Duloxetine, Etizolam, Eszopiclone / Zopiclone, Flubromazolam, Flunitrazepam, Fluoxetine, Fluphenazine, Fluvoxamine, Haloperidol, Hydroxybupropion, Hydroxyzine, Iloperidone, Imipramine, Isobutyrylfentanyl, Ketamine, Lamotrigine, Levetiracetam, Loxapine, LSD, Maprotiline, mCPP, Meperidine, Mescaline, Mesoridazine, Metaxalone, Methaqualone, Methocarbamol, Methoxyacetylfentanyl, Methylphenidate, Mexiletine, Mirtazapine, Mitragynine, Norclozapine, Norflunitrazepam, Norfluoxetine, Norketamine, Normeperidine, Norpropoxyphene, Nortriptyline, N-Ethyl Pentylone, O-Desmethylvenlafaxine, Olanzapine, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, Paroxetine, Perphenazine, Phenazepam, Pheniramine, Phenytoin, Primidone, Promazine, Promethazine, Propoxyphene, Psilocin, Quetiapine, Risperidone, Sertraline, Sufentanil, Tapentadol, TFMPP, Thioridazine, Topiramate, trans-3-Methylfentanyl, Trazodone, Trifluoperazine, Trihexyphenidyl, Trimipramine, U-47700, Valeryl Fentanyl, Venlafaxine, Verapamil, Xylazine, Zaleplon, Ziprasidone, Zonisamide, Scope Statement

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.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8075U DUID/DRE Expanded Drug Screen Add-On, Urine (Forensic)



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Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Atropine, Butyryl Fentanyl / Isobutyryl Fentanyl, Cotinine, Furanyl Fentanyl, Levamisole, Lidocaine, MDMA, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, Monoethylglycinexylidide (MEGX), Naloxone, Nicotine, para-Fluorobutyryl Fentanyl / FIBF, PMA, Quinine and Ramelteon were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 7-Amino Flunitrazepam, 9-Hydroxyrisperidone, 10-Hydroxycarbazepine, Acryl Fentanyl, Alfentanil, Amitriptyline, Amoxapine, Atomoxetine, Benztropine, Buprenorphine, Bupropion, Butorphanol, Brompheniramine, Bupivacaine, Butylone, Butyrylfentanyl, Buspirone, BZP, Caffeine, Carbamazepine, Carfentanil, Carbamazepine-10,11-Epoxy, Carisoprodol, cis-3-Methylfentanyl, Chlorpheniramine, Chlorpromazine, Citalopram / Escitalopram, Clomipramine, Clonidine, Clonazepam, Clozapine, Cyclobenzaprine, Cyclopropylfentanyl, Delorazepam, Desipramine, Desmethylclomipramine, Desmethyldoxepin, Desmethyltrimipramine, Dextro / Levo Methorphan, Dextrorphan / Levorphanol, Dibutylone, Diclazepam, Dicyclomine, Diltiazem, Diphenhydramine, Donepezil, Doxepin, Doxylamine, Eszopiclone / Zopiclone, Etizolam, Fentanyl, Flecainide, Flubromazolam, Flunitrazepam, Fluoxetine, Fluvoxamine, Guaifenesin, Hydroxybupropion, Hydroxyzine, Imipramine, Isobutyrylfentanyl, Ketamine, Lacosamide, Lamotrigine, Levetiracetam, LSD, Maprotiline, mCPP, Memantine, Meperidine, Meprobamate, Mescaline, Mesoridazine, Metaxalone, Methaqualone, Methoxyacetylfentanyl, Methylphenidate, Mexiletine, Mirtazapine, Mitragynine, Nalbuphine, Norbuprenorphine - Total, Norclozapine, Norfentanyl, Norflunitrazepam, Norfluoxetine, Norketamine, Normeperidine, Nortriptyline, N-Ethyl Pentylone, O-Desmethyltramadol, O-Desmethylvenlafaxine, Olanzapine, Orphenadrine, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, Paroxetine, Phenazepam, Pheniramine, Promazine, Promethazine, Psilocin, Quetiapine, Quinidine, Risperidone, Salvinorin B, Sertraline, Sildenafil, Sufentanil, Tapentadol, Tetrahydrozoline, TFMPP, Theophylline, Thioridazine, Tiletamine, Topiramate, Tramadol, trans-3-Methylfentanyl, Trazodone, Trihexyphenidyl, Trimipramine, Triprolidine, Valeryl Fentanyl, Venlafaxine, Verapamil, Xylazine, Yohimbine, Zaleplon, Zolazepam, Zolpidem, Zonisamide, Scope Statement

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.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Compound Name	Units	Reference Comment
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

54457B DUID/DRE Substituted Cathinone Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
Butylone was added.

Scope of Analysis: LC-MS/MS (80371): Butylone, N-Ethyl Pentylone, Dibutylone
Method (CPT Code)

Compound Name	Units	Reference Comment
Butylone	ng/mL	Butylone is a substituted cathinone that is sold recreationally as a novel psychoactive substance. Butylone is a stimulant type drug, with effects similar to that of cocaine, with some additional activity at serotonin receptors. Synthetic cathinone users report psychological, cardiovascular, and neurological sympathomimetic symptoms, with effects ranging from tachycardia, vasoconstriction, seizures, agitation, aggression, and psychosis. Synthetic cathinones, including butylone, are increasingly being detected in a range of forensic toxicology cases, including both human performance and postmortem cases. There is one case report of a 24 year old female who died after ingesting a combination of methylone and butylone which was sold to her as 'Ecstasy'; she died of multi-organ failure stemming from serotonin syndrome.

54457U DUID/DRE Substituted Cathinone Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
Butylone was added.

Scope of Analysis: LC-MS/MS (80371): Butylone, N-Ethyl Pentylone, Dibutylone
Method (CPT Code)

Compound Name	Units	Reference Comment
Butylone	ng/mL	Butylone is a substituted cathinone that is sold recreationally as a novel psychoactive substance. Butylone is a stimulant type drug, with effects similar to that of cocaine, with some additional activity at serotonin receptors. Synthetic cathinone users report psychological, cardiovascular, and neurological sympathomimetic symptoms, with effects ranging from



Test Updates

Test Changes

Compound Name	Units	Reference Comment
		tachycardia, vasoconstriction, seizures, agitation, aggression, and psychosis. Synthetic cathinones, including butylone, are increasingly being detected in a range of forensic toxicology cases, including both human performance and postmortem cases.

52500B Designer Opioids (2018 Scope) Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
4-ANPP was removed.

Scope of Analysis: LC-MS/MS (80364): Acryl Fentanyl, 2-Furanylfentanyl, U-47700, Carfentanil, Method (CPT Code) Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

Compound Name	Units	Reference Comment
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.
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
Methoxyacetylfentanyl	ng/mL	Methoxyacetylfentanyl is a novel non-prescription synthetic opioid.
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
Valeryl Fentanyl	ng/mL	Valeryl fentanyl is a novel non-prescription synthetic opioid.

52500SP Designer Opioids (2018 Scope) Confirmation, Serum/Plasma



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
4-ANPP was removed.

Scope of Analysis: LC-MS/MS (80364): Acryl Fentanyl, 2-Furanylfentanyl, U-47700, Carfentanil,
Method (CPT Code) Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

Compound Name	Units	Reference Comment
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.
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
Methoxyacetylfentanyl	ng/mL	Methoxyacetylfentanyl is a novel non-prescription synthetic opioid.
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
Valeryl Fentanyl	ng/mL	Valeryl fentanyl is a novel non-prescription synthetic opioid.

52500U Designer Opioids (2018 Scope) Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
4-ANPP was removed.

Scope of Analysis: LC-MS/MS (80364): Acryl Fentanyl, 2-Furanylfentanyl, Carfentanil,
Method (CPT Code) Isobutyrylfentanyl, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, para-Fluorobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Methoxyacetylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl



Effective Date:
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Test Updates

Test Changes

Compound Name	Units	Reference Comment
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.
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
Methoxyacetyl fentanyl	ng/mL	Methoxyacetyl fentanyl is a novel non-prescription synthetic opioid.
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
Valeryl Fentanyl	ng/mL	Valeryl fentanyl is a novel non-prescription synthetic opioid.

8030B Drug Facilitated Crime Panel, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Suvorexant was removed.

Scope of Analysis: ELISA (80307): Cannabinoids, Barbiturates
Method (CPT Code) Headspace GC (80307): Ethanol, Blood Alcohol Concentration (BAC), Methanol, Isopropanol, Acetone
GC/MS (80307): Gamma-Hydroxybutyric Acid
LC/TOF-MS (80307): 6-Monoacetylmorphine, 7-Amino Clonazepam, 7-Amino Flunitrazepam, Acetyl Fentanyl, Alpha-Hydroxyalprazolam, Alprazolam, Amitriptyline, Amphetamine, Benzoyllecgonine, Brompheniramine, Buprenorphine, Carisoprodol, Chlordiazepoxide, Chlorpheniramine, Citalopram / Escitalopram, Clobazam, Clonazepam, Clonidine, Cocaethylene, Cocaine, Codeine, Cyclobenzaprine, Desalkylflurazepam, Desipramine, Desmethyldoxepin, Desmethylsertraline, Dextro / Levo Methorphan, Dextrophan / Levorphanol, Diazepam, Dihydrocodeine / Hydrocodol, Diphenhydramine, Doxepin, Doxylamine, EDDP, Estazolam, Eszopiclone / Zopiclone, Fentanyl, Flunitrazepam, Fluoxetine, Hydrocodone, Hydromorphone, Hydroxyethylflurazepam, Hydroxytriazolam, Imipramine, Ketamine, Lidocaine, Lorazepam, MDA, MDMA, Meperidine, Meprobamate, Methadone,



Test Updates

Test Changes

Methamphetamine, Midazolam, Monoethylglycinexylidide (MEGX), Morphine, Norbuprenorphine - Free, Nordiazepam, Norfentanyl, Norflunitrazepam, Norfluoxetine, Norketamine, Normeperidine, Norpropoxyphene, Nortriptyline, O-Desmethyltramadol, Oxazepam, Oxycodone, Oxymorphone, Paroxetine, Phencyclidine, Phenytoin, Propoxyphene, Scopolamine, Sertraline, Temazepam, Tetrahydrozoline, Tramadol, Triazolam, Zaleplon, Ziprasidone, Zolpidem, Scope Statement

8030SP Drug Facilitated Crime Panel, Serum/Plasma (Forensic)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Suvorexant was removed.

Scope of Analysis: ELISA (80307): Cannabinoids, Barbiturates
Method (CPT Code) Headspace GC (80307): Ethanol, Methanol, Isopropanol, Acetone
GC/MS (80307): Gamma-Hydroxybutyric Acid
LC/TOF-MS (80307): 6-Monoacetylmorphine, 7-Amino Clonazepam, 7-Amino Flunitrazepam, Acetyl Fentanyl, Alpha-Hydroxyalprazolam, Alprazolam, Amitriptyline, Amphetamine, Benzoyllecgonine, Brompheniramine, Buprenorphine, Carisoprodol, Chlordiazepoxide, Chlorpheniramine, Citalopram / Escitalopram, Clobazam, Clonazepam, Clonidine, Cocaethylene, Cocaine, Codeine, Cyclobenzaprine, Desalkylflurazepam, Desipramine, Desmethyldoxepin, Desmethylsertraline, Dextro / Levo Methorphan, Dextrophan / Levorphanol, Diazepam, Dihydrocodeine / Hydrocodol, Diphenhydramine, Doxepin, Doxylamine, EDDP, Estazolam, Eszopiclone / Zopiclone, Fentanyl, Flunitrazepam, Fluoxetine, Hydrocodone, Hydromorphone, Hydroxyethylflurazepam, Hydroxytriazolam, Imipramine, Ketamine, Lidocaine, Lorazepam, MDA, MDMA, Meperidine, Meprobamate, Methadone, Methamphetamine, Midazolam, Monoethylglycinexylidide (MEGX), Morphine, Norbuprenorphine - Free, Nordiazepam, Norfentanyl, Norflunitrazepam, Norfluoxetine, Norketamine, Normeperidine, Norpropoxyphene, Nortriptyline, O-Desmethyltramadol, Oxazepam, Oxycodone, Oxymorphone, Paroxetine, Phencyclidine, Phenytoin, Propoxyphene, Scopolamine, Sertraline, Temazepam, Tetrahydrozoline, Tramadol, Triazolam, Zaleplon, Ziprasidone, Zolpidem, Scope Statement

8098B Drug Screen (GC/MS), Blood

Summary of Changes: Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, Methyprylon, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Butylone / Ethyldibutylone	ng/mL	

8098SP Drug Screen (GC/MS), Serum/Plasma



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, Methyprylon, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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8098U Drug Screen (GC/MS), Urine

Summary of Changes: Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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1876B Drug Screen - Expanded, Blood

Summary of Changes: Scope of Analysis was changed.
Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, 2-Furanylfentanyl, 4-ANPP, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Eephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
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4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
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Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

1876FL Drug Screen - Expanded, Fluid

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, PMA,
Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

1876SP Drug Screen - Expanded, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl,
Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-
Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl
and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl
Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone,
Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and
Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	



Test Updates

Test Changes

Compound Name	Units	Reference Comment
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Valeryl Fentanyl	ng/mL	
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1876U Drug Screen - Expanded, Urine

Summary of Changes: Scope of Analysis was changed. 2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added. Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
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4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
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Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

90023B Expanded Drug Screen (DUID/DRE), Blood (Forensic) (CSA)

Summary of Changes: Scope of Analysis was changed. 2-Furanylfentanyl, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added. Butyryl Fentanyl / Isobutyryl Fentanyl, Furanyl Fentanyl, MDPV, Mephedrone, Methcathinone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.



Test Updates

Test Changes

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 9-Hydroxyrisperidone, 10-Hydroxycarbazepine, Acryl Fentanyl, Alfentanil, Amitriptyline, Amoxapine, Aripiprazole, Brompheniramine, Bupropion, Butorphanol, Buspirone, Butylone, Butyrylfentanyl, BZP, Caffeine, Carbamazepine, Carbamazepine-10,11-Epoxyde, Carfentanil, cis-3-Methylfentanyl, Chlorpheniramine, Chlorpromazine, Citalopram / Escitalopram, Clomipramine, Clonazepam, Clonidine, Clozapine, Cyclopropylfentanyl, Delorazepam, Desipramine, Desmethylclomipramine, Desmethyldoxepin, Desmethylsertraline, Desmethyltrimipramine, Dextrorphan / Levorphanol, Dibutylone, Diclazepam, Dicyclomine, Diltiazem, Diphenhydramine, Doxepin, Doxylamine, Duloxetine, Etizolam, Flubromazolam, Fluoxetine, Fluphenazine, Fluvoxamine, Haloperidol, Hydroxybupropion, Hydroxyzine, Iloperidone, Imipramine, Isobutyrylfentanyl, Ketamine, Lamotrigine, Levetiracetam, Loxapine, LSD, Maprotiline, mCPP, Mescaline, Mesoridazine, Metaxalone, Methaqualone, Methocarbamol, Methoxyacetylfentanyl, Methylphenidate, Mexiletine, N-Ethyl Pentylone, Mirtazapine, Mitragynine, Nalbuphine, Norclozapine, Norfluoxetine, Norketamine, Nortriptyline, O-Desmethylvenlafaxine, Olanzapine, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, Paroxetine, Perphenazine, Phenazepam, Pheniramine, Phenytoin, Promazine, Promethazine, Psilocin, Quetiapine, Risperidone, Sertraline, Sufentanil, Tapentadol, TFMPP, Thioridazine, Topiramate, trans-3-Methylfentanyl, Trazodone, Trifluoperazine, Trihexyphenidyl, Trimipramine, U-47700, Valeryl Fentanyl, Venlafaxine, Verapamil, Xylazine, Ziprasidone, Zonisamide, Scope Statement

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.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

1860B GC/MS Drug Screen (Acid/Neutral), Blood (Forensic)

Summary of Changes: Specimen Requirements (Light Protection) were changed.
 Scope of Analysis was changed.
 Cotinine was added.
 Carbromal, Methyprylon, Ramelteon and Ramelteon M-II were removed.



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Specimen Requirements: 2 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Scope of Analysis: GC/MS (80307): Acetaminophen, Acetohexamide, Amobarbital, Barbitol, Butabarbital, Butalbital, Caffeine, Carbamazepine, Carisoprodol, Chlorophene, Chlorpropamide, Chlorzoxazone, Cinnamoylcocaine, Cotinine, Desmethylocitalopram, Desmethylterbinafine, Diethylpropion, Ethinamate, Ethosuximide, Ethotoin, Etomidate, Felbamate, Felodipine, Fluconazole, Gabapentin Breakdown Product, Glutethimide, Guaifenesin, Hexobarbital, Hydroxycotinine, Ibuprofen, Lacosamide, Lamotrigine, Levetiracetam, Mefloquine, Meprobamate, Methaqualone, Metharbital, Methocarbamol, Methsuximide, Methylprimidone, Metronidazole, Naproxen, Naproxen Breakdown Product, Nevirapine, Nifedipine, Normethsuximide, Norpropoxypheneamide, O-Desmethylvenlafaxine, Oxcarbazepine, Pentobarbital, Pentoxifylline, Phenacetin, Phenazepam, Phenobarbital, Phensuximide, Phenylbutazone, Phenylethylmalonamide (PEMA), Phenytoin, Primidone, Procaine, Propafenone, Propofol, Ropinirole, Rufinamide, Scopolamine, Secobarbital, Talbutal, Terbinafine, Tetracaine, Theobromine, Theophylline, Thiopental, Topiramate Breakdown Product, Trimethoprim, Xylazine, Zonisamide, Other Findings

Compound Name	Units	Reference Comment
Cotinine	mg/mL	Cotinine is a metabolite of nicotine and may be encountered in the fluids and tissues of an individual as a result of tobacco exposure. Anabasine is a natural product occurring in tobacco, but not in pharmaceutical nicotine and a separate test for anabasine in urine can be used to distinguish tobacco from pharmaceutical nicotine use. The reported qualitative result for this substance is indicative of a finding commonly seen following typical use and is usually not toxicologically significant. If confirmation testing is required please contact the laboratory.

10053U GC/MS Drug Screen, Urine (CSA)

Summary of Changes: Scope of Analysis was changed.
 Order of Reporting was changed.
 2C-B, Carbromal, Methcathinone, Methylecgonine and Ramelteon were removed.

Scope of Analysis:
Method (CPT Code)

2143B Gabapentin, Blood



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Specimen Container) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

52088B Nifedipine Confirmation, Blood

Summary of Changes: Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

3158B Nifedipine, Blood

Summary of Changes: Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

10101U Novel Psychoactive Substances (NPS) (Qualitative), Urine (CSA)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: LC/TOF-MS (80371): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 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,



Test Updates

Test Changes

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-47700, U-49900, U-51754, Valeryl Fentanyl
GC/MS (80371): 2C-B-FLY, 2C-B, 2C-C, 2C-E, 2C-H, 2C-I, 2C-P, 2C-T-2, 2C-T-4, 2C-T-7, 3,4-DMMC, 4-MEC, 4-MTA, 5-IAI, 5-MeO-DALT, 5-MeO-DiPT, 5-MeO-DMT, 5-MeO-MiPT, Alpha PBP, Alpha PPP, alpha-PVT, APB, APDB, BDB, Brepheдрone, Cathinone, DBZP, DET, Dimethylone, DMA, DMT, DOB, DOM, Ethylamphetamine, Ethylethcathinone, Ethylphenidate, Fluoroamphetamine, Fluoromethamphetamine, MAPB, MBDB, MBZP, MDAI, MDPBP, MDPPP, MeOPP, MeOPPP, Methcathinone, Methedrone, Methiopropamine, MPBP, Naphyrone, PMA, PMMA, Pyrovalerone, Other Findings

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

Summary of Changes: Scope of Analysis was changed.
4-ANPP was added.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 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
4-ANPP	ng/mL	

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

Summary of Changes: Scope of Analysis was changed.
4-ANPP was added.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 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



Test Updates

Test Changes

Compound Name	Units	Reference Comment
4-ANPP	ng/mL	

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

Summary of Changes: Scope of Analysis was changed.
4-ANPP was added.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 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-47700, U-49900, U-51754, Valeryl Fentanyl

Compound Name	Units	Reference Comment
4-ANPP	ng/mL	

8210B Novel Psychoactive Substances (NPS) Screen 2, Blood

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: GC/MS (80307): 2C-B, 2C-B-FLY, 2C-C, 2C-E, 2C-H, 2C-I, 2C-P, 2C-T-2, 2C-T-4, 2C-T-7, 3,4-DMMC, 4-MEC, 4-MTA, 5-IAI, 5-MeO-DALT, 5-MeO-DiPT, 5-MeO-DMT, 5-MeO-MiPT, Alpha PBP, Alpha PPP, alpha-PVT, APB, APDB, BDB, Brepheдрone, Cathinone, DBZP, DET, Dimethylone, DMA, DMT, DOB, DOM, Ethylamphetamine, Ethylethcathinone, Ethylphenidate, Fluoroamphetamine, Fluoromethamphetamine, MAPB, MBDB, MBZP, MDAI, MDPBP, MDPPP, MeOPP, MeOPPP, Methcathinone, Methedrone, Methiopropamine, Naphyrone, MPBP, PMA, PMMA, Pyrovalerone, Other Findings

8210SP Novel Psychoactive Substances (NPS) Screen 2, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: GC/MS (80307): 2C-B, 2C-B-FLY, 2C-C, 2C-E, 2C-H, 2C-I, 2C-P, 2C-T-2, 2C-T-4, 2C-T-7, 3,4-DMMC, 4-MEC, 4-MTA, 5-IAI, 5-MeO-DALT, 5-MeO-DiPT, 5-MeO-DMT, 5-MeO-MiPT, Alpha PBP, Alpha PPP, alpha-PVT, APB, APDB, BDB, Brepheдрone, Cathinone, DBZP, DET, Dimethylone, DMA, DMT, DOB, DOM, Ethylamphetamine, Ethylethcathinone, Ethylphenidate, Fluoroamphetamine, Fluoromethamphetamine, MAPB, MBDB, MBZP, MDAI, MDPBP, MDPPP, MeOPP, MeOPPP, Methcathinone, Methedrone, Methiopropamine, Naphyrone, MPBP, PMA, PMMA, Pyrovalerone, Other Findings



Test Updates

Test Changes

8210U Novel Psychoactive Substances (NPS) Screen 2, Urine

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: GC/MS (80307): 2C-B-FLY, 2C-B, 2C-C, 2C-E, 2C-H, 2C-I, 2C-P, 2C-T-2, 2C-T-4,
Method (CPT Code) 2C-T-7, 3,4-DMMC, 4-MEC, 4-MTA, 5-IAI, 5-MeO-DALT, 5-MeO-DIPT, 5-MeO-DMT,
5-MeO-MiPT, Alpha PBP, Alpha PPP, alpha-PVT, APB, APDB, BDB, Brepheдрone,
Cathinone, DBZP, DET, Dimethylone, DMA, DMT, DOB, DOM, Ethylamphetamine,
Ethylethcathinone, Ethylphenidate, Fluoroamphetamine, Fluoromethamphetamine,
MAPB, MBDB, MBZP, MDAI, MDPBP, MDPPP, MeOPP, MeOPPP, Methcathinone,
Methedrone, Methiopropamine, MPBP, Naphyrone, PMA, PMMA, Pyrovalerone,
Other Findings

52389B Phenethylamines Confirmation 2 (Qualitative), Blood

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: LC-MS/MS (80371): PMA, Cathinone, Methcathinone, DMA, 2C-H, 5-MeO-DMT,
Method (CPT Code) DET, DMT, Methedrone

52389SP Phenethylamines Confirmation 2 (Qualitative), Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: LC-MS/MS (80371): PMA, Cathinone, Methcathinone, DMA, 2C-H, 5-MeO-DMT,
Method (CPT Code) DET, DMT, Methedrone

52389U Phenethylamines Confirmation 2 (Qualitative), Urine

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
2C-N was removed.

Scope of Analysis: LC-MS/MS (80371): PMA, Cathinone, Methcathinone, 2C-H, DMA, 5-MeO-DMT,
Method (CPT Code) DET, DMT, Methedrone

8063B Postmortem, Basic to Expanded Upgrade, Blood (Forensic)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
 Gabapentin, 2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
 Acetyl Fentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDMA, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8063FL Postmortem, Basic to Expanded Upgrade, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Order of Reporting was changed.
 Acetyl Fentanyl, Amobarbital, Amphetamine, Beta-Phenethylamine, Butabarbital, Butalbital, Carbromal, EDDP, Ephedrine / Pseudoephedrine, Fentanyl, MDA, MDEA, MDMA, MDPV, Mephedrone, Methadone, Methamphetamine, Methylecgonine, Methylone, Norfentanyl, Norpseudoephedrine / Phenylpropanolamine, Pentobarbital, Phencyclidine, Phenobarbital, Phentermine, PMA, Ramelteon, Ramelteon M-II and Secobarbital were removed.

Scope of Analysis:
Method (CPT Code)

8063SP Postmortem, Basic to Expanded Upgrade, Serum/Plasma (Forensic)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Gabapentin, 2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Acetyl Fentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDMA, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8063TI Postmortem, Basic to Expanded Upgrade, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Acetyl Fentanyl, Amobarbital, Amphetamine, Beta-Phenethylamine, Butabarbital, Butalbital, Carbromal, EDDP, Ephedrine / Pseudoephedrine, Fentanyl, MDA, MDEA, MDMA, MDPV, Mephedrone, Methadone, Methamphetamine, Methylecgonine, Methylone, Norfentanyl, Norpseudoephedrine / Phenylpropanolamine, Pentobarbital, Phencyclidine, Phenobarbital, Phentermine, PMA, Ramelteon, Ramelteon M-II and Secobarbital were removed.

Scope of Analysis:
Method (CPT Code)

8063U Postmortem, Basic to Expanded Upgrade, Urine (Forensic)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Gabapentin, 2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Acetyl Fentanyl, Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDMA, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

38052B Postmortem, Expanded -I, Blood (Forensic) (SSA)

Summary of Changes: Scope of Analysis was changed.
Gabapentin was added.

Scope of Analysis: ELISA (80307): Salicylates, Cannabinoids, Barbiturates, Gabapentin
Method (CPT Code) Headspace GC (80307): Ethanol, Blood Alcohol Concentration (BAC), Methanol, Isopropanol, Acetone

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	

10052B Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
 2-Furanylfentanyl, 4-ANPP, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
 Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8042B Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
 2-Furanylfentanyl, 4-ANPP, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
 Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)



Effective Date:
Monday, June 17, 2019

Test Updates

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8057B Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood - University of MI (CSA)

Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, 4-ANPP, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	



Test Updates

Test Changes

Compound Name	Units	Reference Comment
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8062B Postmortem, Expanded w/o Alcohol, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
 2-Furanylfentanyl, 4-ANPP, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
 Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8062FL Postmortem, Expanded w/o Alcohol, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Order of Reporting was changed.
 Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, PMA, Ramelteon and Ramelteon M-II were removed.



Test Updates

Test Changes

Scope of Analysis:
Method (CPT Code)

8062TI Postmortem, Expanded w/o Alcohol, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, PMA,
Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

8062U Postmortem, Expanded w/o Alcohol, Urine (Forensic)

Summary of Changes: Scope of Analysis was changed.
Gabapentin, 2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8054B Postmortem, Expanded with NPS, Blood



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
4-ANPP, Gabapentin and Phentermine were added.
Cephaeline, Emetine, Ibuprofen, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	
4-ANPP	ng/mL	
Phentermine	ng/mL	

90025B Postmortem, Expanded, Blood (Forensic) (CSA)

Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, 4-ANPP, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8052B Postmortem, Expanded, Blood (Forensic)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
4-ANPP, 2-Furanylfentanyl, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8052FL Postmortem, Expanded, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

8052SP Postmortem, Expanded, Serum/Plasma (Forensic)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, 4-ANPP, Gabapentin, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Gabapentin	mcg/mL	
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

8052TI Postmortem, Expanded, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

8052U Postmortem, Expanded, Urine (Forensic)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
 Gabapentin, 2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
 Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	
2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

38042B Postmortem, Expanded-I, with Vitreous Alcohol Confirmation, Blood (Forensic) (SSA)

Summary of Changes: Scope of Analysis was changed.
Gabapentin was added.

Scope of Analysis: ELISA (80307): Salicylates, Cannabinoids, Barbiturates, Gabapentin
 Method (CPT Code) Headspace GC (80307): Ethanol, Blood Alcohol Concentration (BAC), Methanol, Isopropanol, Acetone

Compound Name	Units	Reference Comment
Gabapentin	mcg/mL	

39052B Postmortem, Expanded-II, Blood (Forensic) (SSA)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

39042B Postmortem, Expanded-II, with Vitreous Alcohol Confirmation, Blood (Forensic) (SSA)

Summary of Changes: Scope of Analysis was changed.
4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, 2-Furanylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA, Ramelteon and Suvorexant were removed.

Scope of Analysis:
Method (CPT Code)



Effective Date:
Monday, June 17, 2019

Test Updates

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.
4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

10092B Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Light Protection) were changed.
 Scope of Analysis was changed.
 Butylone / Ethyldibutylone was added.
 Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, Methyprylon, PMA and Ramelteon were removed.
 Ramelteon M-II

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: In addition to blood, collect 1 mL of Vitreous fluid for the Alcohol Confirmation.
 Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

Compound Name	Units	Reference Comment
Butylone / Ethyldibutylone	ng/mL	

10151B Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)



Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Light Protection) were changed.
Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, Methyprylon, PMA, Ramelteon and Ramelteon M-II were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Collect sample using alcohol free skin preparation.
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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8043B Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic)

Summary of Changes: Specimen Requirements (Light Protection) were changed.
Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, Methyprylon, PMA, Ramelteon and Ramelteon M-II were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: In addition to blood, collect 1 mL of Vitreous fluid for the Alcohol Confirmation.
Collect sample using alcohol free skin preparation.
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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8092B Postmortem, Expert, Blood (Forensic)

Summary of Changes: Specimen Requirements (Light Protection) were changed.
Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, Methyprylon, PMA, Ramelteon and Ramelteon M-II were removed.



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: Submit with Chain of Custody.
 Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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8092FL Postmortem, Expert, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Order of Reporting was changed.
 Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, Methyprylon,
 PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
 Method (CPT Code)

8092SP Postmortem, Expert, Serum/Plasma (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Butylone / Ethyldibutylone was added.
 Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone,
 Methyprylon, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
 Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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8092TI Postmortem, Expert, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Order of Reporting was changed.
 Carbromal, MDPV, Mephedrone, Methylecgonine, Methylone, Methyprylon,
 PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
 Method (CPT Code)

8092U Postmortem, Expert, Urine (Forensic)



Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Butylone / Ethyldibutylone was added.
Carbromal, MDPV, Mephedrone, Methcathinone, Methylecgonine, Methylone, PMA, Ramelteon and Ramelteon M-II were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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Butylone / Ethyldibutylone	ng/mL	
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4177B Postmortem, SUIDS Screen, Blood (Forensic)

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
2-Furanylfentanyl, 4-ANPP, Butylone, Butyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, para-Fluorobutyrylfentanyl, para-Fluoroisobutyrylfentanyl, trans-3-Methylfentanyl and Valeryl Fentanyl were added.
Butyryl Fentanyl / Isobutyryl Fentanyl, Cephaeline, Emetine, Furanyl Fentanyl, Ibuprofen, MDPV, Mephedrone, Methcathinone, Methedrone, Methylone, para-Fluorobutyryl Fentanyl / FIBF, PMA and Ramelteon were removed.

Scope of Analysis:
Method (CPT Code)

Compound Name	Units	Reference Comment
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2-Furanylfentanyl	ng/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: Azithromycin.
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4-ANPP	ng/mL	The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
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Butylone	ng/mL	
Butyrylfentanyl	ng/mL	
cis-3-Methylfentanyl	ng/mL	
Cyclopropylfentanyl	ng/mL	
Isobutyrylfentanyl	ng/mL	
Methoxyacetylfentanyl	ng/mL	
para-Fluorobutyrylfentanyl	ng/mL	
para-Fluoroisobutyrylfentanyl	ng/mL	
trans-3-Methylfentanyl	ng/mL	
Valeryl Fentanyl	ng/mL	

52106FL Primidone and PEMA Confirmation, Fluid



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Phenobarbital was removed.

Scope of Analysis: LC-MS/MS (80188): Primidone, Phenylethylmalonamide (PEMA)
Method (CPT Code)

52106SP Primidone and PEMA Confirmation, Serum/Plasma

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Phenobarbital was removed.

Scope of Analysis: LC-MS/MS (80188): Primidone, Phenylethylmalonamide (PEMA)
Method (CPT Code)

52106TI Primidone and PEMA Confirmation, Tissue

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Phenobarbital was removed.

Scope of Analysis: LC-MS/MS (80188): Primidone, Phenylethylmalonamide (PEMA)
Method (CPT Code)

52106B Primidone and PEMA Confirmation, Blood

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Order of Reporting was changed.
Phenobarbital was removed.

Scope of Analysis: LC-MS/MS (80188): Primidone, Phenylethylmalonamide (PEMA)
Method (CPT Code)

52494B Substituted Cathinone Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
Butylone was added.

Scope of Analysis: LC-MS/MS (80371): Butylone, N-Ethyl Pentylone, Dibutylone
Method (CPT Code)



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Compound Name	Units	Reference Comment
Butylone	ng/mL	Butylone is a substituted cathinone that is sold recreationally as a novel psychoactive substance. Butylone is a stimulant type drug, with effects similar to that of cocaine, with some additional activity at serotonin receptors. Synthetic cathinone users report psychological, cardiovascular, and neurological sympathomimetic symptoms, with effects ranging from tachycardia, vasoconstriction, seizures, agitation, aggression, and psychosis. Synthetic cathinones, including butylone, are increasingly being detected in a range of forensic toxicology cases, including both human performance and postmortem cases. There is one case report of a 24 year old female who died after ingesting a combination of methylone and butylone which was sold to her as 'Ecstasy'; she died of multi-organ failure stemming from serotonin syndrome.

52494SP Substituted Cathinone Confirmation, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Butylone was added.

Scope of Analysis: LC-MS/MS (80371): Butylone, N-Ethyl Pentylone, Dibutylone
Method (CPT Code)

Compound Name	Units	Reference Comment
Butylone	ng/mL	Butylone is a substituted cathinone that is sold recreationally as a novel psychoactive substance. Butylone is a stimulant type drug, with effects similar to that of cocaine, with some additional activity at serotonin receptors. Synthetic cathinone users report psychological, cardiovascular, and neurological sympathomimetic symptoms, with effects ranging from tachycardia, vasoconstriction, seizures, agitation, aggression, and psychosis. Synthetic cathinones, including butylone, are increasingly being detected in a range of forensic toxicology cases, including both human performance and postmortem cases. There is one case report of a 24 year old female who died after ingesting a combination of methylone and butylone which was sold to her as 'Ecstasy'; she died of multi-organ failure stemming from serotonin syndrome.

52494U Substituted Cathinone Confirmation, Urine



Effective Date:
Monday, June 17, 2019

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Butylone was added.

Scope of Analysis: LC-MS/MS (80371): Butylone, N-Ethyl Pentylone, Dibutylone
Method (CPT Code)

Compound Name	Units	Reference Comment
Butylone	ng/mL	Butylone is a substituted cathinone that is sold recreationally as a novel psychoactive substance. Butylone is a stimulant type drug, with effects similar to that of cocaine, with some additional activity at serotonin receptors. Synthetic cathinone users report psychological, cardiovascular, and neurological sympathomimetic symptoms, with effects ranging from tachycardia, vasoconstriction, seizures, agitation, aggression, and psychosis. Synthetic cathinones, including butylone, are increasingly being detected in a range of forensic toxicology cases, including both human performance and postmortem cases.



Effective Date:
Monday, June 17, 2019

Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
54016B	Amphetamines Confirmation (Drug Impaired Driving/DRE Toxicology), Blood (CSA)	No Alternate Tests Available
55080U	Amphetamines Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
90029U	Antidepressants Screen, Urine (CSA)	No Alternate Tests Available
55057U	Benzodiazepines Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
55055U	Carisoprodol and Metabolite Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
54392B	Clozapine and Metabolite Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
55058U	Cocaine and Metabolites Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
10041B	DUID/DRE Panel, Blood (Forensic) (CSA) - NC SCL	No Alternate Tests Available
10010U	DUID/DRE Panel, Urine (Forensic) (CSA) - IN State Tox Lab	No Alternate Tests Available
10189U	Designer Fentanyl Panel (Qualitative), Urine (CSA)	No Alternate Tests Available
54396B	Dextro/Levo Methorphan Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
55054U	Fentanyl and Metabolite Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
54449B	Flunitrazepam, Nitrazepam Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
51867B	GC/MS Acidic Confirmation (Qualitative), Blood	No Alternate Tests Available
51867FL	GC/MS Acidic Confirmation (Qualitative), Fluid	No Alternate Tests Available
51867SP	GC/MS Acidic Confirmation (Qualitative), Serum/Plasma	No Alternate Tests Available
51867TI	GC/MS Acidic Confirmation (Qualitative), Tissue	No Alternate Tests Available
51867U	GC/MS Acidic Confirmation (Qualitative), Urine	No Alternate Tests Available
51866B	GC/MS Confirmation (Qualitative), Blood	No Alternate Tests Available
51866FL	GC/MS Confirmation (Qualitative), Fluid	No Alternate Tests Available
51866SP	GC/MS Confirmation (Qualitative), Serum/Plasma	No Alternate Tests Available
51866TI	GC/MS Confirmation (Qualitative), Tissue	No Alternate Tests Available
51866U	GC/MS Confirmation (Qualitative), Urine	No Alternate Tests Available
54262B	Lidocaine and Metabolite (MEGX) Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
54341B	MDMA / Methedrone Confirmation (Qualitative) (DUID/DRE), Blood	No Alternate Tests Available
54447B	MDMA / Methedrone Confirmation (Qualitative) (DUID/DRE), Blood (CSA)	No Alternate Tests Available
54341U	MDMA / Methedrone Confirmation (Qualitative) (DUID/DRE), Urine	No Alternate Tests Available
52412B	MDMA / Methedrone Confirmation (Qualitative), Blood	No Alternate Tests Available



Effective Date:
Monday, June 17, 2019

Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
52412SP	MDMA / Methedrone Confirmation (Qualitative), Serum/Plasma	No Alternate Tests Available
52412U	MDMA / Methedrone Confirmation (Qualitative), Urine	No Alternate Tests Available
54448B	MDMA Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
54323B	MDMA Confirmation (Qualitative) (DUID/DRE), Blood (CSA)	No Alternate Tests Available
55059U	MDMA Confirmation (Qualitative) (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
52434B	MDMA Confirmation, Blood	No Alternate Tests Available
52434SP	MDMA Confirmation, Serum/Plasma	No Alternate Tests Available
52434U	MDMA Confirmation, Urine	No Alternate Tests Available
54266B	Meclizine Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
55060U	Methadone Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
54390B	Methylphenidate and Metabolite Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
55061U	Opiates - Total (Unconjugated) Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available
54178B	Orphenadrine Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
54393B	Piperazine Designer Drugs Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
52107FL	Procainamide and NAPA Confirmation, Fluid	No Alternate Tests Available
52107TI	Procainamide and NAPA Confirmation, Tissue	No Alternate Tests Available
54391B	Quetiapine Confirmation (DUID/DRE), Blood (CSA)	No Alternate Tests Available
55053U	Zolpidem Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (CSA) IN/LA	No Alternate Tests Available