



Postmortem Toxicology

Scope of Testing

3701 Welsh Road
Willow Grove PA, 19090

Effective Date:01/01/2018

Compound Description	8051B Basic	8052B* Expanded	8054B Expanded w/NPS	8092B Expert	8050U Urine Drug Screen
10-Hydroxycarbazepine		X	X	X	
11-Hydroxy Delta-9 THC	X	X	X	X	
25B-NBOMe			X		
25C-NBOMe			X		
25H-NBOMe			X		
25I-NBOMe			X		
3-Fluorophenmetrazine			X		
3-MeO-PCP			X		
4-ANPP		X	X		
4-Hydroxy-Tamoxifen				X	
4-MeO-PCP			X		
4-Methoxybutyryl Fentanyl			X		
5F-AB-001			X		
5F-ADB			X		
5F-ADB-PINACA			X		
5F-ADBICA			X		
5F-AMB			X		
5F-APICA			X		
5F-APINACA (5F-AKB-48)			X		
5F-MN-18			X		
5F-PB-22			X		
6-Beta-Naltrexol - Free		X	X		
6-Monoacetylmorphine		X	X		
6-Monoacetylmorphine - Free	X	X	X	X	
7-Amino Clonazepam	X	X	X	X	
7-Amino Flunitrazepam		X	X		
9-Hydroxyrisperidone		X	X		
AB-CHMINACA			X		
AB-FUBINACA			X		
AB-PINACA			X		
ADB-CHMINACA			X		
ADB-FUBINACA			X		
ADB-PINACA			X		
ADBICA			X		
AH-7921			X		
AM-2201			X		
AMB			X		
APICA			X		
APINACA (AKB-48)			X		
APP-CHMINACA (PX3)			X		
Acetaminophen		X	X	X	
Acetohexamide				X	
Acetone	X	X	X	X	
Acetyl Fentanyl	X	X	X	X	
Acryl Fentanyl		X	X		

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Alfentanil		X	X	X	
Alpha-Hydroxyalprazolam	X	X	X	X	
Alprazolam	X	X	X	X	
Amantadine				X	
Amitriptyline		X	X	X	
Amlodipine				X	
Amobarbital	X	X	X	X	
Amoxapine		X	X	X	
Amphetamine	X	X	X	X	
Amphetamines	X				X
Antipyrine				X	
Aripiprazole		X	X		
Atomoxetine		X	X	X	
Atropine		X	X	X	
BZP		X	X	X	
Barbital				X	
Barbiturates	X	X	X		X
Benzocaine				X	
Benzodiazepines	X			X	X
Benzoylcegonine	X	X	X	X	
Benzphetamine				X	
Benztropine		X	X	X	
Beta-Phenethylamine				X	
Beta-hydroxythiofentanyl			X		
Biperiden				X	
Blood Alcohol Concentration (BAC)	X	X	X	X	
Bromazepam			X		
Bromocriptine				X	
Brompheniramine		X	X	X	
Bupivacaine		X	X	X	
Buprenorphine		X	X		
Buprenorphine - Free	X	X	X	X	
Buprenorphine / Metabolite	X			X	
Bupropion		X	X	X	
Bupropion Metabolite				X	
Buspirone		X	X	X	
Butabarbital	X	X	X	X	
Butalbital	X	X	X	X	
Butorphanol		X	X	X	
Butorphanol - Free		X	X	X	
Butylone			X		
Butyryl Fentanyl / Isobutyryl Fentanyl		X	X		
Butyryl Fentanyl/Isobutyryl Fentanyl			X		
CUMYL-THPINACA			X		
Caffeine		X	X	X	
Cannabinoids	X	X	X	X	X
Carbamazepine		X	X	X	
Carbamazepine-10,11-Epoxy		X	X	X	
Carbinoxamine				X	
Carbromal				X	
Carfentanil		X	X		
Carisoprodol		X	X	X	
Cephaeline		X	X		
Chlordiazepoxide	X	X	X	X	

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Chlorophene				X	
Chlorpheniramine		X	X	X	
Chlorpromazine		X	X	X	
Chlorpropamide				X	
Chlorzoxazone				X	
Cinnamoylcocaine				X	
Cinnarizine				X	
Cis-Thiothixene				X	
Citalopram / Escitalopram		X	X	X	
Clemastine				X	
Clephedrone			X		
Clobazam	X	X	X	X	
Clomipramine		X	X	X	
Clonazepam	X	X	X	X	
Clonazolam		X	X		
Clonidine		X	X	X	
Clotrimazole				X	
Clozapine		X	X	X	
Cocaethylene	X	X	X	X	
Cocaine	X	X	X	X	
Cocaine / Metabolites	X			X	X
Codeine		X	X		
Codeine - Free	X	X	X	X	
Coniine				X	
Cotinine		X	X	X	
Cyclizine				X	
Cyclobenzaprine		X	X	X	
Cyproheptadine				X	
Delorazepam		X	X		
Delta-9 Carboxy THC	X	X	X	X	
Delta-9 THC	X	X	X	X	
Desalkylflurazepam	X	X	X	X	
Descarboethoxyloratadine				X	
Deschloroetizolam			X		
Desethylvaridenafil		X	X		
Desipramine		X	X	X	
Desmethylcitalopram				X	
Desmethylclomipramine		X	X	X	
Desmethyldoxepin		X	X	X	
Desmethylloperamide		X	X		
Desmethylmianserin				X	
Desmethylmirtazapine				X	
Desmethylsertraline		X	X	X	
Desmethylterbinafine				X	
Desmethyltrimipramine		X	X	X	
Dextro / Levo Methorphan		X	X	X	
Dextrorphan / Levorphanol		X	X	X	
Diazepam	X	X	X	X	
Dibutylone		X	X	X	
Dibutylone / Ethylone				X	
Diclazepam		X	X		
Dicyclomine		X	X	X	
Diethylpropion				X	
Dihydrocodeine / Hydrocodol		X	X		

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Dihydrocodeine / Hydrocodol - Free	X	X	X	X	
Diltiazem		X	X	X	
Dimethyltryptamine				X	
Diphenhydramine		X	X	X	
Diphenoxylate				X	
Disopyramide				X	
Donepezil		X	X	X	
Dothiepin				X	
Doxapram				X	
Doxepin		X	X	X	
Doxylamine		X	X	X	
Duloxetine		X	X	X	
Duloxetine Breakdown Product				X	
EDDP	X	X	X	X	
EG-2201			X		
EMDP				X	
Emetine		X	X		
Endoxifen				X	
Ephedrine	X	X	X	X	
Ephedrine / Pseudoephedrine				X	
Estazolam	X	X	X	X	
Eszopiclone / Zopiclone		X	X	X	
Eszopiclone / Zopiclone Breakdown				X	
Ethanol	X	X	X	X	
Ethinamate				X	
Ethosuximide				X	
Ethotoin				X	
Ethylecgonine				X	
Ethylmorphine				X	
Ethylone			X		
Etizolam		X	X		
Etomidate		X	X	X	
FUB-144			X		
FUB-AKB-48			X		
FUB-AMB			X		
FUB-JWH-018			X		
FUB-PB-22			X		
Felbamate				X	
Felodipine				X	
Fentanyl	X	X	X	X	
Fentanyl / Acetyl Fentanyl	X				
Fentanyl / Metabolite					X
Flecainide		X	X	X	
Flubromazepam			X		
Flubromazolam		X	X		
Fluconazole				X	
Flunitrazepam		X	X		
Fluoxetine		X	X	X	
Fluphenazine		X	X	X	
Flurazepam	X	X	X	X	
Fluvoxamine		X	X	X	
Furanyl Fentanyl		X	X		
Gabapentin				X	
Gabapentin Breakdown Product				X	

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Galantamine				X	
Glimepiride		X	X		
Glipizide		X	X		
Glutethimide				X	
Glyburide		X	X		
Guaifenesin		X	X	X	
Haloperidol		X	X	X	
Hexobarbital				X	
Hydrocodone		X	X		
Hydrocodone - Free	X	X	X	X	
Hydromorphone		X	X		
Hydromorphone - Free	X	X	X	X	
Hydroxybupropion		X	X	X	
Hydroxychloroquine				X	
Hydroxycotinine				X	
Hydroxyethylflurazepam	X	X	X	X	
Hydroxytriazolam	X	X	X	X	
Hydroxyzine		X	X	X	
Ibuprofen		X	X	X	
Iloperidone		X	X		
Imipramine		X	X	X	
Isopropanol	X	X	X	X	
Itraconazole		X	X		
JWH-018			X		
JWH-122			X		
Ketamine		X	X	X	
Ketoconazole		X	X		
LSD		X	X		
Lacosamide		X	X	X	
Lamotrigine		X	X	X	
Laudanosine		X	X	X	
Leucocrystal Violet				X	
Levamisole		X	X	X	
Levetiracetam		X	X	X	
Lidocaine		X	X	X	
Loperamide		X	X		
Loratadine				X	
Lorazepam	X	X	X	X	
Lorcainide				X	
Loxapine		X	X	X	
MA-CHMINACA			X		
MDA	X	X	X	X	
MDEA	X	X	X	X	
MDMA	X	X	X	X	
MDMB-CHMCZCA			X		
MDMB-CHMINACA			X		
MDMB-FUBINACA			X		
MDPV		X	X	X	
MMB-CHMICA			X		
MMB-CHMINACA (MDMB-CHMICA)			X		
MO-CHMINACA			X		
MPHP			X		
MT-45			X		
Maprotiline		X	X	X	

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Meclizine				X	
Meclonazepam			X		
Mefloquine				X	
Memantine		X	X	X	
Meperidine		X	X	X	
Mephedrone		X	X	X	
Mephentermine				X	
Mephenytoin				X	
Mephobarbital				X	
Mepivacaine				X	
Meprobamate		X	X	X	
Mescaline		X	X	X	
Mesoridazine		X	X	X	
Metaxalone		X	X	X	
Methadone	X	X	X	X	
Methadone / Metabolite	X				X
Methamphetamine	X	X	X	X	
Methamphetamine / MDMA	X				
Methanol	X	X	X	X	
Methaqualone		X	X	X	
Metharbital				X	
Methcathinone		X	X	X	
Methedrone		X	X		
Methocarbamol		X	X	X	
Methotrimeprazine				X	
Methoxetamine			X	X	
Methoxphenidine			X		
Methsuximide				X	
Methylecgonine				X	
Methylone		X	X	X	
Methylphenidate		X	X	X	
Methylprimidone				X	
Methyprylon				X	
Metoclopramide		X	X	X	
Metoprolol				X	
Metronidazole				X	
Mexiletine		X	X	X	
Mianserin				X	
Midazolam	X	X	X	X	
Milnacipran				X	
Mirtazapine		X	X	X	
Mitragynine		X	X		
Molindone				X	
Monoethylglycinexylidide (MEGX)		X	X	X	
Morphine		X	X		
Morphine - Free	X	X	X	X	
N-Acetylprocainamide				X	
N-Desmethylselegiline				X	
N-Desmethylsildenafil		X	X		
N-Ethyl Pentylone		X	X	X	
N-desmethyiltamoxifen				X	
NM-2201			X		
Nalbuphine		X	X		
Nalbuphine - Free		X	X		

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Compound Description	8051B Basic	8052B* Expanded	8054B Expanded w/NPS	8092B Expert	8050U Urine Drug Screen
Naloxone		X	X		
Naltrexone		X	X		
Naltrexone - Free		X	X		
Naproxen		X	X	X	
Naproxen Breakdown Product				X	
Nevirapine				X	
Nicotine		X	X	X	
Nifedipine		X	X	X	
Norbuprenorphine - Free	X	X	X	X	
Norclozapine		X	X	X	
Norcodeine				X	
Norcyclobenzaprine				X	
Nordiazepam	X	X	X	X	
Norfentanyl	X	X	X	X	
Norflunitrazepam		X	X		
Norfluoxetine		X	X	X	
Norhydroxyzine				X	
Norketamine		X	X	X	
Normeperidine		X	X	X	
Normephenytoin				X	
Normethsuximide				X	
Noroxycodone				X	
Norpropoxyphene		X	X	X	
Norpropoxypheneamide				X	
Norpseudoephedrine	X	X	X	X	
Norpseudoephedrine / Phenylpropanolamine				X	
Nortriptyline		X	X	X	
O-Desmethyltramadol		X	X	X	
O-Desmethylvenlafaxine		X	X	X	
Olanzapine		X	X		
Ondansetron				X	
Opiates	X			X	X
Orphenadrine		X	X	X	
Other Findings				X	
Oxazepam	X	X	X	X	
Oxcarbazepine				X	
Oxybutynin				X	
Oxycodone		X	X		
Oxycodone - Free	X	X	X	X	
Oxycodone / Oxymorphone	X			X	X
Oxymetazoline				X	
Oxymorphone		X	X		
Oxymorphone - Free	X	X	X	X	
Oxyphenbutazone				X	
PMA		X	X	X	
PX1			X		
PX2			X		
Papaverine				X	
Paroxetine		X	X	X	
Pentazocine				X	
Pentedrone			X		
Pentobarbital	X	X	X	X	
Pentoxifylline				X	
Pentylone			X		

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Pergolide				X	
Perphenazine		X	X		
Phenacetin				X	
Phenazepam		X	X	X	
Phencyclidine	X	X	X	X	X
Pheniramine		X	X	X	
Phenobarbital	X	X	X	X	
Phensuximide				X	
Phentermine	X	X	X	X	
Phenylbutazone				X	
Phenylethylmalonamide (PEMA)		X	X	X	
Phenylpropanolamine	X	X	X	X	
Phenyltoloxamine				X	
Phenytoin		X	X	X	
Primidone		X	X	X	
Procainamide				X	
Procaine				X	
Prochlorperazine		X	X	X	
Procyclidine				X	
Promazine		X	X	X	
Promethazine		X	X	X	
Propafenone				X	
Propofol				X	
Propoxyphene		X	X	X	
Protriptyline				X	
Pseudoephedrine	X	X	X	X	
Psilocin		X	X		
Pyrazolam			X		
Pyrilamine				X	
Pyrimethamine				X	
Quetiapine		X	X	X	
Quinidine		X	X	X	
Quinine		X	X	X	
Ramelteon		X	X	X	
Ramelteon M-II		X	X	X	
Reboxetine				X	
Risperidone		X	X		
Risperidone and 9-Hydroxyrisperidone - Total		X	X		
Ritalinic Acid		X	X	X	
Ropinirole				X	
Ropivacaine				X	
Rufinamide				X	
Salicylate		X	X	X	
Salicylates		X	X	X	
Salvinorin B		X			
Scope Statement		X	X		
Scopolamine				X	
Secobarbital	X	X	X	X	
Sertraline		X	X	X	
Sildenafil		X	X		
Strychnine		X	X	X	
Sufentanil		X	X	X	
Suvorexant		X	X		
TFMPP		X	X	X	

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THJ-018			X		
THJ-2201			X		
Tadalafil		X	X		
Talbutal				X	
Tamoxifen				X	
Tapentadol		X	X	X	
Tapentadol - Free		X	X	X	
Temazepam	X	X	X	X	
Terbinafine				X	
Tetracaine				X	
Tetrahydrozoline		X	X	X	
Thenylidiamine				X	
Theobromine				X	
Theophylline		X	X	X	
Thiopental				X	
Thioridazine		X	X	X	
Thiothixene				X	
Ticlopidine				X	
Tiletamine		X	X	X	
Timolol				X	
Tocainide				X	
Topiramate		X	X	X	
Topiramate Breakdown Product				X	
Tramadol		X	X	X	
Tramadol Metabolite				X	
Trazodone		X	X	X	
Triazolam	X	X	X	X	
Trifluoperazine		X	X	X	
Trihexyphenidyl		X	X	X	
Trimethobenzamide				X	
Trimethoprim				X	
Trimipramine		X	X	X	
Tripolidine		X	X		
U-47700		X	X		
U-50488			X		
UR-144			X		
Valeryl Fentanyl			X		
Vardenafil		X	X		
Venlafaxine		X	X	X	
Venlafaxine Metabolite				X	
Verapamil		X	X	X	
Voriconazole		X	X		
Warfarin		X	X		
XLR-11			X		
Xylazine		X	X	X	
Yohimbine		X	X	X	
Zaleplon		X	X	X	
Ziprasidone		X	X		
Zolazepam		X	X	X	
Zolpidem		X	X	X	
Zonisamide		X	X	X	
Zotepine				X	
alpha-Methyl Fentanyl			X		
alpha-PVP			X	X	

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mCPP		X	X	X	
ortho-Fluorofentanyl			X		
para-Fluorobutyryl Fentanyl / FIBF		X	X		
para-Fluorobutyryl Fentanyl/FIBF			X		
para-Fluorofentanyl			X		

* The new Novel Psychoactive Substances (NPS) have created challenges for all laboratories due to their evolving development and discontinuations. NMS Labs is constantly evaluating information from the media, drug user forums, and casework to identify NPS which may be of interest and develop mechanisms to report these findings to our clients when appropriate. In addition to the compounds listed above, NMS Labs has identified several additional NPS substances that that may be detected in casework. As an example, as of 1/1/18, NMS Labs has identified Deschloroetizolam, Flubromazepam, Pyrazolam, Bromazepam, Meclonazepam, 4-Methoxybutyryl Fentanyl, alpha-Methyl Fentanyl, Benzodioxole Fentanyl, Beta-hydroxythiofentanyl, Cis/trans 3-Methyl-Fentanyl, Cyclopropyl Fentanyl, Methoxyacetyl Fentanyl, p, o-Fluoro Fentanyl, Tetrahydrofuranyl Fentanyl, Valeryl Fentanyl, MT-45, U-49900, U-50488, U-51754, Loperamide, 25B-NBOME, 25C-NBOME, 25I-NBOME, 3-Fluorophenmetrazine, 3-MeO-PCP, Ethylone, Butylone, Pentylone, and MPHP as compounds that may be detected in cases. In situations where NMS Labs may detect the possibility of these compounds, the client will be notified and may consult with us on the most appropriate approach given the case history and testing capabilities at the time. It is expected that with our dedicated approach to identifying NPS of interest, this list of compounds will be dynamic and should change over time.

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