

**TENNESSEE BUREAU OF INVESTIGATION / FORENSIC SERVICES / TOXICOLOGY UNIT**

The following is a list of more common drugs detected by the Toxicology Unit. The list is not all inclusive and as new drugs are encountered or as reference standards become available, they may be added to the list. The identification of drugs may be influenced by available sample, drug concentration, availability of reference standards, or customer need/request. When submitting evidence for toxicological analysis, please list any suspected drugs on the "Alcohol/Toxicology Request" form. Requested sample amounts for complete analysis are listed below.

**Alcohol / Volatiles(200 uL of sample for complete analysis)**

1,1 - Difluoroethane	Ethanol	Acetone
Toluene	Methanol	Ether
Methylene Chloride	Isopropanol	Dimethoxymethane
Freon(s)	Acetaldehyde	

**Basic (2.5 mL of sample for complete analysis)**

Alprazolam	Cyclobenzaprine	Mapratoline	Oxycodone
Amantadine	Desipramine	Meclizine	Paroxetine
Amitriptyline	o-Desmethyltramadol	Memantine	Pentazocine
Amoxapine	Dextromethorphan	Meperidine	Phencyclidine (PCP)
Amphetamine	Diazepam	Mephedrone	Phendimetrazine
Anhydroecgonine methyl ester	Dicyclomine	Meprobamate	Phenmetrazine
Atenolol	Dihydrocodeine	Methadone	Phentermine
Atropine	Diltiazem	Methamphetamine	Phenyltoloxamine
Benzocaine	Diphenhydramine	Methaqualone	Promethazine
Benztropine	Disopyramide	Methylone	Propofol
BZP	Donepezil	MDA	Propoxyphene
Brompheniramine	Doxepin	MDMA	Propranolol
Bupropion	Doxylamine	MDPV	Pseudoephedrine
Hydroxy Bupropion	Duloxetine	Methylphenidate	a-PBP
Caffeine*	Ecgonine Methyl Ester	Metoclopramide	a-PVP
Carbamazepine	Ephedrine	Metoprolol	Quetiapine
Carisoprodol	Etomidate	Midazolam	Quinidine
Chlordiazepoxide	Fentanyl	Mirtazepine	Quinine
m-Chlorophenylpiperazine	Flephedrone	Nicotine*	Sertraline
Chlorpheniramine	4-Fluoroamphetamine	Nordiazepam	Tapentadol
Chlorpromazine	Fluoxetine	Nordoxepin	Thioridazine
Citalopram	Fluvoxamine	Norfluoxetine	Tramadol
Clomipramine	Hydrocodone	Normeperidine	Trazodone
Clozapine	Hydroxyzine	Norpropoxyphene	TFMPP
Cocaethylene	Imipramine	Nortriptyline	Trimethoprim
Cocaine	25I-NBOMe	Olanzapine	Venlafaxine
Codeine	Ketamine	Orphenadrine	Verapamil
Cotinine*	Lidocaine	Oxcarbazepine	Zolpidem

**Acidic(1 mL of sample for complete analysis)**

Dilantin	Acetaminophen*
Butalbital	Ibuprofen*
Phenobarbital	Ketoprofen*
Secobarbital	Naproxen*
Amobarbital	Salicylic Acid*
Mephobarbital	

**The following tests are target compound analyses. Only the following drugs are targeted.**

TENNESSEE BUREAU OF INVESTIGATION / FORENSIC SERVICES / TOXICOLOGY UNIT

**Benzodiazepines (+Zolpidem & Zopiclone)** (200 uL of sample for complete analysis)

7-Aminoclonazepam	Clonazepam	Flurazepam	Temazepam
7-Aminoflunitrazepam	Desalkylflurazepam	Lorazepam	Triazolam
Alphahydroxy-Alprazolam	Diazepam	Midazolam	Zolpidem
Alprazolam	Estazolam	Nordiazepam	Zopiclone
Chlordiazepoxide	Flunitrazepam	Oxazepam	

**THC (2 mL of sample for complete analysis )**

11-nor-9-carboxy-delta 9 tetrahydrocannabinol  
(marijuana metabolite)

**Benzoyllecgonine** (2.5 mL of sample for complete analysis)

Benzoyllecgonine  
(cocaine metabolite)

**The Toxicology Unit presently does not test for the following drugs or group of drugs. For cases where testing for these drugs or additional compounds is needed, samples can be sent out to a reference lab with prior approval.**

Morphine	GHB	Oxymorphone	Phenazepam
Hydromorphone	6-Monoacetylmorphine	Synthetic Cannabinoids	
Buprenorphine	Heroin	Salvia Divinorum	
Delta-9-THC	LSD	Prazepam	

**NOTE:**

\* These drugs are not routinely analyzed for unless specifically requested.

**IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT YOUR REGIONAL TBI CRIME LAB TOXICOLOGY UNIT.**