



## Indiana State Department of Toxicology ISDT Analyte Reporting

### Alcohol Analysis

| Analyte     | Alternate Name(s)   | Analysis Technique | Cutoff         | Reporting                                                      |
|-------------|---------------------|--------------------|----------------|----------------------------------------------------------------|
| Ethanol     | Beer, Wine, Spirits | GC/HS              | 0.010 g/100 mL | Analysis conducted in duplicate; lower of two results reported |
| Acetone     | Nail polish remover |                    |                |                                                                |
| Isopropanol | Rubbing alcohol     |                    |                |                                                                |
| Methanol    | Wood alcohol        |                    |                |                                                                |

If the subject blood alcohol concentration is  $\geq 0.10$  g/100 mL blood, the request for drug analysis will be canceled in non-fatal/serious bodily injury (SBI) traffic-related cases, if both alcohol and drug testing has been requested.

### Drug Analysis

| Analyte               | Drug Classification     | Confirmation Class | Trade/Alternative Name(s)                                                            | Screen Cutoff | Screening Technique | Confirmation Cutoff | Confirmation Technique         |
|-----------------------|-------------------------|--------------------|--------------------------------------------------------------------------------------|---------------|---------------------|---------------------|--------------------------------|
| 7-Aminoclonazepam     | CNS Depressant          | Benzodiazepines    | Clonazepam metabolite                                                                | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Alprazolam            | CNS Depressant          | Benzodiazepines    | Xanax, Zannies, Z-bars                                                               | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Clonazepam            | CNS Depressant          | Benzodiazepines    | Klonopin, Rivotril                                                                   | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Diazepam              | CNS Depressant          | Benzodiazepines    | Valium, Diastat                                                                      | 10 ng/mL      | LC/TOF              | 50 ng/mL            | LC/MS MS                       |
| Lorazepam             | CNS Depressant          | Benzodiazepines    | Ativan                                                                               | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Nordiazepam           | CNS Depressant          | Benzodiazepines    | Nordaz, Stilny, Madar, Vegesan, Calmday, Diazepam metabolite                         | 10 ng/mL      | LC/TOF              | 50 ng/mL            | LC/MS MS                       |
| Oxazepam              | CNS Depressant          | Benzodiazepines    | Serax, Zaxopam, Diazepam metabolite                                                  | 10 ng/mL      | LC/TOF              | 50 ng/mL            | LC/MS MS                       |
| Temazepam             | CNS Depressant          | Benzodiazepines    | Restoril, diazepam metabolite                                                        | 10 ng/mL      | LC/TOF              | 50 ng/mL            | LC/MS MS                       |
| Zolpidem              | CNS Depressant          | Benzodiazepines    | Ambien                                                                               | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Delta-9 THC           | Cannabis                | Cannabinoids       | THC, Marijuana, $\Delta$ -9-tetrahydrocannabinol                                     | -             | -                   | 1 ng/mL             | GC/MS<br>LC/MS MS <sup>#</sup> |
| Delta-9 Carboxy THC   | Cannabis                | Cannabinoids       | 11-Nor-9-carboxy- $\Delta$ -9-tetrahydrocannabinol, THC-COOH, Delta-9 THC metabolite | 10 ng/mL      | LC/TOF              | 5 ng/mL             | GC/MS<br>LC/MS MS <sup>#</sup> |
| Benzoylcegonine       | CNS Stimulant           | Cocaine            | Cocaine metabolite                                                                   | 20 ng/mL      | LC/TOF              | 20 ng/mL            | GC/MS                          |
| Cocaine               | CNS Stimulant           | Cocaine            | Coke, White, Snow, Speedball                                                         | 10 ng/mL      | LC/TOF              | 20 ng/mL            | GC/MS                          |
| 6-Monoacetylmorphine* | Narcotic Analgesic      | Opioids            | 6-MAM, Heroin metabolite, 6-acetylmorphine                                           | -             | -                   | 5 ng/mL             | LC/MS MS                       |
| Acetylfentanyl        | Narcotic Analgesic      | Opioids            | Fentanyl analog                                                                      | 1 ng/mL       | LC/TOF              | 0.5 ng/mL           | LC/MS MS                       |
| Codeine*              | Narcotic Analgesic      | Opioids            | Codeine                                                                              | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Dextromethorphan*     | Narcotic Analgesic      | Opioids            | Delsym, Robitussin, Zicam, DXM                                                       | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| EDDP*                 | Narcotic Analgesic      | Opioids            | Methadone metabolite                                                                 | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Fentanyl              | Narcotic Analgesic      | Opioids            | Duragesic, Abstral, Subsys                                                           | 1 ng/mL       | LC/TOF              | 0.5 ng/mL           | LC/MS MS                       |
| Hydrocodone*          | Narcotic Analgesic      | Opioids            | Vicodin, Lortab, Lorcet, Norco                                                       | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Hydromorphone*        | Narcotic Analgesic      | Opioids            | Dilaudid                                                                             | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Methadone             | Narcotic Analgesic      | Opioids            | Dolophine, Methadose                                                                 | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Morphine*             | Narcotic Analgesic      | Opioids            | Duramorph, DepoDur, Astramorph, Heroin metabolite                                    | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Norfentanyl           | Narcotic Analgesic      | Opioids            | Fentanyl metabolite                                                                  | 1 ng/mL       | LC/TOF              | 0.5 ng/mL           | LC/MS MS                       |
| O-Desmethyiltramadol  | Narcotic Analgesic      | Opioids            | Tramadol metabolite                                                                  | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Oxycodone*            | Narcotic Analgesic      | Opioids            | Oxycotin, Percodan, Percocet                                                         | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Oxymorphone*          | Narcotic Analgesic      | Opioids            | Opana, Numorphan, Numorphone                                                         | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Tramadol              | Narcotic Analgesic      | Opioids            | Ultram, ConZip, Ryzolt                                                               | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Amphetamine           | CNS Stimulant           | Stimulants         | Adderall, Meth metabolite                                                            | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| MDA                   | CNS Stimulant           | Stimulants         | Tenamfetamine                                                                        | -             | -                   | 5 ng/mL             | LC/MS MS                       |
| MDMA                  | CNS Stimulant           | Stimulants         | Ecstasy                                                                              | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Methamphetamine       | CNS Stimulant           | Stimulants         | Desoxyn, Meth, Speed, Crystal, Glass, Ice, Crank, Yaba                               | 10 ng/mL      | LC/TOF              | 10 ng/mL            | LC/MS MS                       |
| Phencyclidine         | Dissociative Anesthetic | Stimulants         | PCP, Angel dust, Sernyl                                                              | 10 ng/mL      | LC/TOF              | 5 ng/mL             | LC/MS MS                       |
| Butalbital            | CNS Depressant          | Barbiturates       | Fioricet, Fiorinal                                                                   | 200 ng/mL     | LC/TOF              | Outsourced to NMS   | LC/MS MS                       |
| Pentobarbital         | CNS Depressant          | Barbiturates       | Nembutal                                                                             | 200 ng/mL     | LC/TOF              |                     |                                |
| Phenobarbital         | CNS Depressant          | Barbiturates       | Luminal, Solfoton                                                                    | 200 ng/mL     | LC/TOF              |                     |                                |
| Secobarbital          | CNS Depressant          | Barbiturates       | Seconal                                                                              | 200 ng/mL     | LC/TOF              |                     |                                |
| Buprenorphine         | Narcotic Analgesic      | Buprenorphine      | Suboxone, Buprenex                                                                   | 10 ng/mL      | LC/TOF              |                     |                                |
| Norbuprenorphine      | Narcotic Analgesic      | Buprenorphine      | Buprenorphine metabolite                                                             | 10 ng/mL      | LC/TOF              |                     |                                |
| Carisoprodol          | CNS Depressant          | Carisoprodol       | Soma                                                                                 | 500 ng/mL     | LC/TOF              |                     |                                |
| Meprobamate           | CNS Depressant          | Carisoprodol       | Carisoprodol metabolite                                                              | 500 ng/mL     | LC/TOF              |                     |                                |
| Cyclobenzaprine       | CNS Depressant          | Cyclobenzaprine    | Flexeril, Amrix, Fecmid                                                              | 10 ng/mL      | LC/TOF              |                     |                                |

GC/HS: Gas Chromatography/Headspace

LC/TOF: Liquid Chromatography/Time-of-Flight Mass Spectrometry

LC/MS MS: Liquid Chromatography/Tandem Mass Spectrometry

GC/MS: Gas Chromatography/Mass Spectrometry

Positive drug screening results are confirmed by a second technique

Cutoff: lowest concentration of analyte that will be reported

\*Confirmed results are reported qualitatively for post-mortem and serum/plasma matrices, exo-THC is a known interferent on delta-9 THC

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