

## Postmortem Toxicology **Comprehensive Profile**

Available Specimen Types: Blood, Urine, Decomposition Fluid, Tissue  
Expected Turnaround: 30 Days

Screening Class	Method	Reporting Limit	Confirmation Analytes	Method	Reporting Limit
Acetaminophen	ELISA	10 mcg/mL	Acetaminophen	LC/MS/MS	5 mcg/mL
Amphetamines Methamphetamine	ELISA ELISA	100 ng/mL	Amphetamine MDA MDEA MDMA Methamphetamine Phentermine PMA	GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS	50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL
Atypical Antidepressants	GC/MS	100 ng/mL	Citalopram Sertraline Trazodone Venlafaxine Venlafaxine Metabolite	GC/MS GC/MS GC/MS GC/MS GC/MS	100 ng/mL 50 ng/mL 1000 ng/mL 50 ng/mL 50 ng/mL
Benzodiazepines	ELISA	100 ng/mL	Alprazolam Chlordiazepoxide Clonazepam Desmethyldiazepam Diazepam Flunitrazepam Flurazepam Lorazepam Midazolam Nitrazepam Oxazepam Prazepam Temazepam Triazolam	LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS	25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL 25 ng/mL
Barbiturates	ELISA	100 ng/mL	Amobarbital Butalbital Pentobarbital Phenobarbital Secobarbital	GC/MS GC/MS GC/MS GC/MS GC/MS	200 ng/mL 200 ng/mL 200 ng/mL 1 mcg/mL 200 ng/mL
Cannabinoids	ELISA	4 ng/mL	Carboxy-THC Delta-9-THC	GC/MS GC/MS	5 ng/mL 1 ng/mL
CNS Stimulants	GC/MS	100 ng/mL	Ephedrine Norpseudoephedrine Phenylpropanolamine Pseudoephedrine	GC/MS GC/MS GC/MS GC/MS	100 ng/mL 100 ng/mL 100 ng/mL 100 ng/mL
Cocaine	ELISA	100 ng/mL	Benzoyllecgonine Cocaethylene Cocaine Ecgonine Methyl Ester	GC/MS GC/MS GC/MS GC/MS	50 ng/mL 10 ng/mL 10 ng/mL 100 ng/mL
Fentanyl	ELISA	1 ng/mL	Fentanyl Norfentanyl	LC/MS/MS LC/MS/MS	1 ng/mL 1 ng/mL
Fentanyl Group	ELISA	1 ng/mL	Alfentanyl Sufentanyl	LC/MS/MS LC/MS/MS	1 ng/mL 1 ng/mL
Meperidine	ELISA	100 ng/mL	Meperidine Normeperidine	GC/MS GC/MS	100 ng/mL 100 ng/mL
Meprobamate/Carisoprodol	ELISA	200 ng/mL	Carisoprodol Meprobamate	LC/MS/MS LC/MS/MS	200 ng/mL 200 ng/mL
Methadone	ELISA	100 ng/mL	Methadone Methadone Metabolite (EDDP)	LC/MS/MS LC/MS/MS	50 ng/mL 50 ng/mL

# Postmortem Toxicology **Comprehensive Profile** (continued)

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Screening Class	Method	Reporting Limit	Confirmation Analytes	Method	Reporting Limit
Miscellaneous	GC/MS	100 ng/mL	Atropine Chlorpheniramine Dextromethorphan Diphenhydramine Doxylamine Hydroxyzine Lidocaine Metaxalone Methocarbamol Methylphenidate Metoprolol Phencyclidine Topiramate Zolpidem	GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS	10 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 100 ng/mL 200 ng/mL 100 ng/mL 1000 ng/mL 100 ng/mL 20 ng/mL 10 ng/mL 500 ng/mL 25 ng/mL
Opiates Oxycodone	ELISA ELISA	50 ng/mL	Codeine Dihydrocodeine Hydrocodone Hydromorphone Morphine Norcodeine Norhydrocodone Noroxycodone Oxycodone Oxymorphone	LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS	50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL
Phenothiazines	GC/MS	100 ng/mL	Chlorpromazine Ethopropazine Fluphenazine Prochlorperazine Promethazine Thioridazine Trifluoperazine	GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS GC/MS	50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL
Propoxyphene	ELISA	100 ng/mL	Norpropoxyphene Propoxyphene	GC/MS GC/MS	100 ng/mL 100 ng/mL
Salicylates	ELISA	50 mg/L	Salicylates	GC/MS	50 mg/L
Tramadol	GC/MS	100 ng/mL	O-desmethyltramadol Tramadol	GC/MS GC/MS	100 ng/mL 100 ng/mL
Tricyclic Antidepressants Cyclobenzaprine Mirtazapine	ELISA	50 ng/mL	Amitriptyline Clomipramine Cyclobenzaprine Desmethylclomipramine Desipramine Desmethyldoxepin Doxepin Imipramine Mirtazapine Nortriptyline Protriptyline Trimipramine	LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS LC/MS/MS	50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL 50 ng/mL
Verapamil	GC/MS	100 ng/mL	Norverapamil Verapamil	GC/MS GC/MS	50 ng/mL 50 ng/mL
Volatiles	Headspace GC/FID	10 mg/dL	Acetone Ethanol Isopropanol Methanol	Headspace GC/FID Headspace GC/FID Headspace GC/FID Headspace GC/FID	10 mg/dL 10 mg/dL 10 mg/dL 10 mg/dL
6-MAM (upon request)			6-MAM (blood) 6-acetylcodeine (urine) 6-MAM (urine) Heroin (urine)	GC/MS LC/MS/MS LC/MS/MS LC/MS/MS	4 ng/mL 4 ng/mL 4 ng/mL 4 ng/mL