



FORENSIC LABORATORIES - OUT OFF LEVELS 7/23/09							
SCREENING CLASS	CUT-OFF	UNITS	METHOD	CONFIRM ANALYTES	CO (ng/mL)	UNITS	METHOD
ALCOHOL							
Ethyl Alcohol	0.05	g/100 mL	DEHYDRO	Ethyl Alcohol (send out)	0.04 g/100 mL	g/100 mL	GC-FID
AMPHETAMINES							
Amphetamine Class	500	ng/mL	EMIT	Amphetamine	250	ng/mL	LCMSMS
				Methamphetamine	250	ng/mL	LCMSMS
MDMA Class	500	ng/mL	EMIT	MDMA	250	ng/mL	LCMSMS
				MDEA	250	ng/mL	LCMSMS
				MDA	250	ng/mL	LCMSMS
BARBITURATES							
Barbiturate Class	200	ng/mL	EMIT	Amobarbital	200	ng/mL	LCMSMS
				Butobarbital	200	ng/mL	LCMSMS
				Butalbital	200	ng/mL	LCMSMS
				Pentobarbital	200	ng/mL	LCMSMS
				Phenobarbital	200	ng/mL	LCMSMS
				Secobarbital	200	ng/mL	LCMSMS
BENZODIAZEPINES							
Benzodiazepine Class	200	ng/mL	EMIT	Alpha-hydroxyalprazolam	25	ng/mL	LCMSMS
				Alpha-hydroxytriazolam	25	ng/mL	LCMSMS
				Nordiazepam	25	ng/mL	LCMSMS
				Lorazepam	25	ng/mL	LCMSMS
				Oxazepam	25	ng/mL	LCMSMS
				Temazepam	25	ng/mL	LCMSMS
				Desalkylflurazepam	25	ng/mL	LCMSMS
				Hydroxymidazolam	25	ng/mL	LCMSMS
				Estazolam	25	ng/mL	LCMSMS
7-Aminoclonazepam	75	ng/mL	LCMSMS	7-Aminonitrazepam	75	ng/mL	LCMSMS
7-Aminoclonazepam	75	ng/mL	LCMSMS	7-Aminoflunitrazepam	75	ng/mL	LCMSMS
7-Aminoclonazepam	75	ng/mL	LCMSMS	7-Aminoclonazepam	75	ng/mL	LCMSMS
CANNABINOIDS							
Cannabinoid Class	25	ng/mL	EMIT	Delta-9-THC-COOH	5	ng/mL	LCMSMS
COCAINE							
Cocaine Class	150	ng/mL	EMIT	Benzoylcegonine	100	ng/mL	LCMSMS
MEPROBAMATE							
Carisoprodol	500	ng/mL	ELISA	Carisoprodol	500	ng/mL	LCMSMS
				Meprobamate	500	ng/mL	LCMSMS
OPIATE & RELATED							
Opiate Class	300	ng/mL	EMIT	Codeine	100	ng/mL	LCMSMS
				Norcodeine	100	ng/mL	LCMSMS
				Dihydrocodeine	100	ng/mL	LCMSMS
				Hydrocodone	100	ng/mL	LCMSMS
				Norhydrocodone	100	ng/mL	LCMSMS
				Hydromorphone	100	ng/mL	LCMSMS
				Morphine	100	ng/mL	LCMSMS
Oxycodone	100	ng/mL	EMIT	Oxycodone	100	ng/mL	LCMSMS
				Noroxycodone	100	ng/mL	LCMSMS
				Oxymorphone	100	ng/mL	LCMSMS
				Noroxymorphone	100	ng/mL	LCMSMS
6-Acetylmorphine	20	ng/mL	LCMSMS	6-Acetylmorphine	20	ng/mL	LCMSMS
Buprenorphine	5	ng/mL	EMIT	Buprenorphine	5	ng/mL	LCMSMS
				Norbuprenorphine	25	ng/mL	LCMSMS
Fentanyl	1	ng/mL	ELISA	Fentanyl	0.5	ng/mL	LCMSMS
				Norfentanyl	5	ng/mL	LCMSMS
Tramadol	200	ng/mL	EMIT	Tramadol	100	ng/mL	LCMSMS
				O-Desmethyltramadol	100	ng/mL	LCMSMS
Meperidine	200	ng/mL	EMIT	Meperidine	100	ng/mL	LCMSMS
				Normeperidine	100	ng/mL	LCMSMS
Methadone	300	ng/mL	EMIT	Methadone	300	ng/mL	LCMSMS
				EDDP	300	ng/mL	LCMSMS
Propoxyphene	300	ng/mL	EMIT	Propoxyphene	300	ng/mL	LCMSMS
				Norpropoxyphene	300	ng/mL	LCMSMS
PHENCYCLIDINE							
Phencyclidine	25	ng/mL	EMIT	Phencyclidine	25	ng/mL	LCMSMS
VALIDITY TESTING							
Creatinine	20	mg/dL	EMIT	N/A	N/A	N/A	N/A
Specific Gravity	1.003	g/mL	EMIT	N/A	N/A	N/A	N/A
pH	4.7-7.8	N/A	EMIT	N/A	N/A	N/A	N/A
Chromate	20	ug/mL	EMIT	N/A	N/A	N/A	N/A
Nitrites	500	ug/mL	EMIT	N/A	N/A	N/A	N/A
ADD-ON TESTING							
Cotinine	500	ng/mL	EMIT	Cotinine	200	ng/mL	LCMSMS
Ethyl Glucuronide	500	ng/mL	LCMSMS	Ethyl Glucuronide	500 ng/mL	ng/mL	LCMSMS
Ethyl Sulfate	100	ng/mL	LCMSMS	Ethyl Sulfate	100 ng/mL	ng/mL	LCMSMS
Methylphenidate	500	ng/mL	ELISA	Ritalinic Acid	250	ng/mL	LCMSMS