March 19, 2010

Dear Valued Client:

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled the enclosed packet of important changes regarding a number of tests we perform. Listed below are the types of changes included in this packet.

Type of Change	Explanation
New Tests	Tests recently added to the NMS Labs test menu. New Tests are effective immediately.
Test Changes	Tests that have had changes to their method/CPT code, units of measurement, scope of analysis or specimen requirements.
Discontinued Tests	Tests being discontinued with alternate testing suggestions.

Please be advised all changes listed in this packet will go into effect on **July 12, 2010**. Please use this packet of information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this packet, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

Sincerely,

NMS Labs

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Stability	Discontinued	Reference Comment	Misc.
1300H	Cocaine and Metabolites (Qualitative), Hair									•
1300ME	Cocaine and Metabolites (Qualitative), Meconium									•
1300ST	Cocaine and Metabolites (Qualitative), Stool									•
2395B	Iloperidone, Blood	•								
2395SP	Iloperidone, Serum/Plasma	•								
2501B	Levamisole, Blood (Forensic)	•								
2501FL	Levamisole, Fluid (Forensic)	•								
2501SP	Levamisole, Serum/Plasma (Forensic)	•								
2501TI	Levamisole, Tissue (Forensic)	•								
2501U	Levamisole, Urine (Forensic)	•								
2604B	Melatonin, Blood	•								
2604FL	Melatonin, Fluid	•								
2604SP	Melatonin, Serum/Plasma	•								
2604TI	Melatonin, Tissue	•								
2604U	Melatonin, Urine	•								
2760ME	Methadone and Metabolite (Qualitative), Meconium									•
3061B	Milnacipran, Blood	•								
3061SP	Milnacipran, Serum/Plasma	•								
3061U	Milnacipran, Urine	•								
3990ME	Propoxyphene and Metabolite (Qualitative), Meconium									•
4086B	Ramelteon and Metabolite, Blood	•								
4086FL	Ramelteon and Metabolite, Fluid	•								
4086SP	Ramelteon and Metabolite, Serum/Plasma	•								
4086TI	Ramelteon and Metabolite, Tissue	•								
4086U	Ramelteon and Metabolite, Urine	•								
4150B	Salvinorin A & B, Blood					•	•		•	
4150P	Salvinorin A & B, Plasma					•	•		•	
4150U	Salvinorin A & B, Urine					•	•		•	
6311B	Metals/Metalloids Panel, Blood (CSA)									•
8086B	Therapeutic and Abused Drugs Screen (Law Enforcement), Blood							•		
8086SP	Therapeutic and Abused Drugs Screen (Law Enforcement), Serum/Plasma							•		
8086U	Therapeutic and Abused Drugs Screen (Law Enforcement), Urine							•		
8087B	Therapeutic and Abused Drugs and Alcohol Screen (Law Enforcement), Blood							•		
8087SP	Therapeutic and Abused Drugs and Alcohol Screen (Law Enforcement), Serum/Plasma							•		

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Stability	Discontinued	Reference Comment	Misc.
8087U	Therapeutic and Abused Drugs and Alcohol Screen (Law Enforcement), Urine							•		
8144B	DUID Profile, Blood (Forensic)							•		
8144U	DUID Profile, Urine (Forensic)							•		
8600ME	Amphetamines Panel (Qualitative), Meconium									•
8761ME	Phencyclidine (Qualitative), Meconium									•
9098B	Alcohol Screen, Blood							•		
9098SP	Alcohol Screen, Serum/Plasma							•		
9098U	Alcohol Screen, Urine							•		
9329ME	Benzodiazepines Panel (Qualitative), Meconium									•

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
2395B	**Iloperidone, Blood**			
	Scope of Analysis: Iloperidone	0.25	ng/mL	LC-MS/MS (83789)
	Reference Comment: Peak plasma levels of iloperidone are achieved 2 to 4 hours after ingestion. Steady-state concentrations are attained within 3 to 4 days of dosing. The mean plasma level for iloperidone ranges from 2.2 - 2.7 ng/mL following a single 3 mg dose. In one study that examined the pharmacokinetic and pharmacodynamic relationship in regard to iloperidone efficacy, maximal response in terms of therapeutic benefit was observed at plasma concentrations of 5 - 8 ng/mL. Genetic variations may substantially influence the rate of iloperidone metabolism. The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.			
	Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: Lavender top tube (EDTA) Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
2395SP	**Iloperidone, Serum/Plasma**			
Scope of Analysis:	Iloperidone	0.25	ng/mL	LC-MS/MS (83789)
Reference Comment:	Peak plasma levels of iloperidone are achieved 2 to 4 hours after ingestion. Steady-state concentrations are attained within 3 to 4 days of dosing. The mean plasma level for iloperidone ranges from 2.2 - 2.7 ng/mL following a single 3 mg dose. In one study that examined the pharmacokinetic and pharmacodynamic relationship in regard to iloperidone efficacy, maximal response in terms of therapeutic benefit was observed at plasma concentrations of 5 - 8 ng/mL. Genetic variations may substantially influence the rate of iloperidone metabolism.			
Specimen Requirements:	Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Lavender top tube (EDTA), Red top tube (no additive) Light Protection: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
Stability:	Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			
2501B	**Levamisole, Blood (Forensic)**			
Scope of Analysis:	Levamisole	0.1	mcg/mL	LC-MS/MS (83789)
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.			
Stability:	Room Temperature: 2 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
2501FL	**Levamisole, Fluid (Forensic)**			
	Scope of Analysis: Levamisole	0.1	mcg/mL	LC-MS/MS (83789)
	Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
2501SP	**Levamisole, Serum/Plasma (Forensic)**			
	Scope of Analysis: Levamisole	0.1	mcg/mL	LC-MS/MS (83789)
	Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 2 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			
2501TI	**Levamisole, Tissue (Forensic)**			
	Scope of Analysis: Levamisole	0.1	mcg/g	LC-MS/MS (83789)
	Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
2501U	**Levamisole, Urine (Forensic)**			
Scope of Analysis:	Levamisole	0.1	mcg/mL	LC-MS/MS (83789)
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
Stability:	Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			
2604B	**Melatonin, Blood**			
Scope of Analysis:	Melatonin	1	ng/mL	LC-MS/MS (83789)
Reference Comment:	Endogenous concentrations of melatonin are of the order of less than 0.02 - 0.2 ng/mL and vary based on time of day and age. An oral use of a 6 mg dose in 60 female subjects produced an average peak concentration of 12 ng/mL with a peak time of approximately 0.75 hours. A 10 mg dose in male subjects produced an average concentration of 9.8 ng/mL. Melatonin's major side effect profile includes drowsiness and sleepiness.			
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection: Not Required Special Handling: None Rejection Criteria: None			
Stability:	Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
2604FL	**Melatonin, Fluid**			
	Scope of Analysis: Melatonin	1	ng/mL	LC-MS/MS (83789)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
2604SP	**Melatonin, Serum/Plasma**			
	Scope of Analysis: Melatonin	1	ng/mL	LC-MS/MS (83789)
	Reference Comment: Endogenous concentrations of melatonin are of the order of less than 0.02 - 0.2 ng/mL and vary based on time of day and age. An oral use of a 6 mg dose in 60 female subjects produced an average peak concentration of 12 ng/mL with a peak time of approximately 0.75 hours. A 10 mg dose in male subjects produced an average concentration of 9.8 ng/mL. Melatonin's major side effect profile includes drowsiness and sleepiness.			
	Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: Serum: Collect sample in Red top tube Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
2604TI	**Melatonin, Tissue**			
	Scope of Analysis: Melatonin	1	ng/g	LC-MS/MS (83789)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
2604U	**Melatonin, Urine**			
	Scope of Analysis: Melatonin	1	ng/mL	LC-MS/MS (83789)
	Reference Comment: Following administration of 3 mg of melatonin, urinary concentrations peaked at approximately 1000 ng/mL, and fell below 100 ng/mL within 8 hours. Melatonin's major side effect profile includes drowsiness and sleepiness.			
	Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Yes Special Handling: None Rejection Criteria: Not received Light Protected.			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
3061B	**Milnacipran, Blood**			
	Scope of Analysis: Milnacipran	10	ng/mL	LC-MS/MS (83789)
	Reference Comment: The following peak plasma concentrations were reported from a single oral dose: 25 mg dose - 64 ng/mL 50 mg dose - 130 ng/mL 100 mg dose - 270 ng/mL 200 mg dose - 440 ng/mL In patients with major depressive disorder given 50 or 100 mg of milnacipran twice daily for 28 days, milnacipran concentrations (at 2 hours) ranged from approximately 55 - 100 ng/mL for the 50 mg dose and from approximately 94 - 170 ng/mL for the 100 mg dose. The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.			
	Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
3061SP	**Milnacipran, Serum/Plasma**			
	Scope of Analysis: Milnacipran	10	ng/mL	LC-MS/MS (83789)
	Reference Comment: The following peak plasma concentrations were reported from a single oral dose: 25 mg dose - 64 ng/mL 50 mg dose - 130 ng/mL 100 mg dose - 270 ng/mL 200 mg dose - 440 ng/mL In patients with major depressive disorder given 50 or 100 mg of milnacipran twice daily for 28 days, milnacipran concentrations (at 2 hours) ranged from approximately 55 - 100 ng/mL for the 50 mg dose and from approximately 94 - 170 ng/mL for the 100 mg dose.			
	Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: Serum: Collect sample in Red top tube Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			
3061U	**Milnacipran, Urine**			
	Scope of Analysis: Milnacipran	10	ng/mL	LC-MS/MS (83789)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
4086B	**Ramelteon and Metabolite, Blood**			
	Scope of Analysis: Ramelteon	1	ng/mL	LC-MS/MS (83789)
	Reference Comment: Mean peak plasma concentration reported after 8 mg of ramelteon (at 0.75 hours) = 5.7 ng/mL (range, 0.44 - 18 ng/mL) Mean peak plasma concentration reported after 64 mg of ramelteon = 26 ng/mL (range, 7.2 - 69 ng/mL) The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.			
	Scope of Analysis: Ramelteon M-II	5	ng/mL	
	Reference Comment: Mean peak plasma concentration reported after 8 mg of ramelteon = 73 ng/mL (range, 53 - 104 ng/mL) Mean peak plasma concentration reported after 64 mg of ramelteon = 460 ng/mL (range, 340 - 650 ng/mL) The ratio of whole blood concentration to serum or plasma concentration is unknown for this analyte.			
	Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			
4086FL	**Ramelteon and Metabolite, Fluid**			
	Scope of Analysis: Ramelteon	1	ng/mL	LC-MS/MS (83789)
	Ramelteon M-II	5	ng/mL	
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
4086SP	**Ramelteon and Metabolite, Serum/Plasma**			
	Scope of Analysis: Ramelteon	1	ng/mL	LC-MS/MS (83789)
	Reference Comment: Mean peak plasma concentration reported after 8 mg of ramelteon (at 0.75 hours) = 5.7 ng/mL (range, 0.44 - 18 ng/mL) Mean peak plasma concentration reported after 64 mg of ramelteon = 26 ng/mL (range, 7.2 - 69 ng/mL)			
	Scope of Analysis: Ramelteon M-II	5	ng/mL	
	Reference Comment: Mean peak plasma concentration reported after 8 mg of ramelteon = 73 ng/mL (range, 53 - 104 ng/mL) Mean peak plasma concentration reported after 64 mg of ramelteon = 460 ng/mL (range, 340 - 650 ng/mL)			
	Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: Serum: Collect sample in Red top tube Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			
4086TI	**Ramelteon and Metabolite, Tissue**			
	Scope of Analysis: Ramelteon	1	ng/g	LC-MS/MS (83789)
	Ramelteon M-II	5	ng/g	
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
4086U	**Ramelteon and Metabolite, Urine**			
	Scope of Analysis: Ramelteon	1	ng/mL	LC-MS/MS (83789)
	Reference Comment: Ramelteon (Rozerem ®) is a melatonin analog, which enhances onset of sleep in subjects with insomnia No urine concentration reference data are available.			
	Scope of Analysis: Ramelteon M-II	5	ng/mL	
	Reference Comment: Following oral administration ramelteon is extensively and rapidly metabolized to a less active metabolite, ramelteon M-II, with about 5% of the activity of the parent drug.			
	Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 30 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)			

TEST UPDATES
Method/CPT Code*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
8600ME	**Amphetamines Panel (Qualitative), Meconium**		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Test Name was changed.		
9329ME	**Benzodiazepines Panel (Qualitative), Meconium**		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Test Name was changed.		
1300H	**Cocaine and Metabolites (Qualitative), Hair**		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Test Name was changed.		
1300ME	**Cocaine and Metabolites (Qualitative), Meconium**		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Test Name was changed.		
1300ST	**Cocaine and Metabolites (Qualitative), Stool**		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Test Name was changed.		

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TEST UPDATES
Method/CPT Code*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
6311B	**Metals/Metalloids Panel, Blood (CSA)**		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.		
2760ME	**Methadone and Metabolite (Qualitative), Meconium**		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.		
8761ME	**Phencyclidine (Qualitative), Meconium**		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.		
3990ME	**Propoxyphene and Metabolite (Qualitative), Meconium**		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Test Name was changed.		
4150B	**Salvinorin A & B, Blood**		
Specimen Requirements:	Specimen Requirements: 3 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection: Not Required Special Handling: None Rejection Criteria: None		
Stability:	Room Temperature: 10 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Requested volume was changed. Transport Temperature was changed. Stability was changed.		
4150P	**Salvinorin A & B, Plasma**		
Specimen Requirements:	Specimen Requirements: 3 mL Plasma Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: Collect sample in Gray top tube (Sodium Fluoride / Potassium Oxalate). Promptly centrifuge and separate Plasma into a plastic screw capped vial. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Requested volume was changed. Special Handling was changed.		

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TEST UPDATES
Method/CPT Code*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
4150U	**Salvinorin A & B, Urine**		
Specimen Requirements:	Specimen Requirements: 3 mL Urine Transport Temperature: Refrigerated Specimen Container: Plastic container (preservative-free) Light Protection: Not Required Special Handling: None Rejection Criteria: None		
Summary of Updates:	For Quality Improvement purposes the following updates were made. Requested volume was changed. Specimen Container was changed. Special Handling was changed.		

DISCONTINUED TESTS

Test Code	Test Name	Alternative Test
9098B	Alcohol Screen, Blood	0171B Alcohol Screen, Blood
9098SP	Alcohol Screen, Serum/Plasma	0171SP Alcohol Screen, Serum/Plasma
9098U	Alcohol Screen, Urine	0171U Alcohol Screen, Urine
8144B	DUID Profile, Blood (Forensic)	No alternate required.
8144U	DUID Profile, Urine (Forensic)	No alternate required.
8086B	Therapeutic and Abused Drugs Screen (Law Enforcement), Blood	8071B Drug Impaired Driving/DRE Toxicology Panel, Blood (Forensic)
8086SP	Therapeutic and Abused Drugs Screen (Law Enforcement), Serum/Plasma	8071B Drug Impaired Driving/DRE Toxicology Panel, Blood (Forensic)
8086U	Therapeutic and Abused Drugs Screen (Law Enforcement), Urine	8071U Drug Impaired Driving/DRE Toxicology Panel, Urine (Forensic)
8087B	Therapeutic and Abused Drugs and Alcohol Screen (Law Enforcement), Blood	8070B Drug Impaired Driving/DRE Toxicology Panel (with Alcohol), Blood (Forensic)
8087SP	Therapeutic and Abused Drugs and Alcohol Screen (Law Enforcement), Serum/Plasma	8070B Drug Impaired Driving/DRE Toxicology Panel (with Alcohol), Blood (Forensic)
8087U	Therapeutic and Abused Drugs and Alcohol Screen (Law Enforcement), Urine	8070U Drug Impaired Driving/DRE Toxicology Panel (with Alcohol), Urine (Forensic)

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REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
4150B	**Salvinorin A & B, Blood**	
	• Salvinorin A	Salvinorin A is the main active ingredient of the plant Salvia Divinorum. Usually smoked, it is a potent hallucinogen producing a highly intoxicated, dissociative state with hallucinations, which may be brief (<20 minutes). There are currently no reference concentrations or reliable pharmacokinetic data available for Salvinorin A. Salvinorin A breaks down to Salvinorin B in both preserved and unpreserved blood.
	• Salvinorin B	Salvinorin B is a minor alkaloid in the Salvia Divinorum plant, although present in much smaller amounts than Salvinorin A. Salvinorin B is believed to be the major metabolite of Salvinorin A. Salvinorin B is also formed from Salvinorin A during sample storage. There are currently no reference concentrations or reliable pharmacokinetic data available for Salvinorin B. Some Salvinorin B measured in a blood sample may reflect breakdown of Salvinorin A after collection.
4150P	**Salvinorin A & B, Plasma**	
	• Salvinorin A	Salvinorin A is the main active ingredient of the plant Salvia Divinorum. Usually smoked, it is a potent hallucinogen producing a highly intoxicated, dissociative state with hallucinations, which may be brief (<20 minutes). There are currently no reference concentrations or reliable pharmacokinetic data available for Salvinorin A. Salvinorin A breaks down to Salvinorin B in both preserved and unpreserved plasma.
	• Salvinorin B	Salvinorin B is a minor alkaloid in the Salvia Divinorum plant, although present in much smaller amounts than Salvinorin A. Salvinorin B is believed to be the major metabolite of Salvinorin A. Salvinorin B is also formed from Salvinorin A during sample storage. There are currently no reference concentrations or reliable pharmacokinetic data available for Salvinorin B. Some Salvinorin B measured in a plasma sample may reflect breakdown of Salvinorin A after collection.

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REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
4150U	**Salvinorin A & B, Urine**	
	• Salvinorin A	Salvinorin A is the main active ingredient of the plant Salvia Divinorum. Usually smoked, it is a potent hallucinogen producing a highly intoxicated, dissociative state with hallucinations, which may be brief (<20 minutes). After smoking 75 mg of Salvia extract, salvinorin A was measured in urine (1.5 hour urine - 2.4 and 10.9 ng/mL in two subjects respectively), but not 9 hour urine (Picini et al, 2005). Salvinorin A breaks down to Salvinorin B in both preserved and unpreserved specimens.
	• Salvinorin B	Salvinorin B is a minor alkaloid in the Salvia Divinorum plant, although present in much smaller amounts than Salvinorin A. Salvinorin B is believed to be the major metabolite of Salvinorin A. Salvinorin B is also formed from Salvinorin A during sample storage. There are currently no reference concentrations or reliable pharmacokinetic data available for Salvinorin B. Some Salvinorin B measured in a urine sample may reflect breakdown of Salvinorin A after collection.