



Effective Date:  
Monday, June 18, 2012

## New Tests and Test Updates

### Immediate Action

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, June 18, 2012

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**New Tests** - Tests recently added to the NMS Labs test menu. *New Tests are effective immediately.*

**Test Changes** - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

**Discontinued Tests** - Tests being discontinued with alternate testing suggestions.

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Please use this 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 notification, 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.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



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## New Tests and Test Updates

Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
2087B	Fiorinal®, Blood			•	•					
2087SP	Fiorinal®, Serum/Plasma			•	•					
2087U	Fiorinal®, Urine			•	•					
3436B	Percodan®, Blood			•	•					
3436SP	Percodan®, Serum/Plasma			•	•					
4140B	Salicylates - Total, Blood									•
4140U	Salicylates - Total, Urine									•
9268B	Salicylates Screen, Blood			•	•					
9268FL	Salicylates Screen, Fluid									•
9268SP	Salicylates Screen, Serum/Plasma			•	•					
9268U	Salicylates Screen, Urine			•	•					
5962U	Synthetic Cannabinoid Metabolites Confirmation (Qualitative) - Expanded, Urine (Forensic)						•			
9564U	Synthetic Cannabinoid Metabolites Screen - Basic, Urine	•								
9562U	Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)			•			•			
4685B	Trilisate, Blood			•	•	•				
4685SP	Trilisate, Serum/Plasma			•	•	•				
4685U	Trilisate, Urine			•	•	•				



Effective Date:  
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# New Tests and Test Updates

## New Tests

<b>9564U</b>	<b>Synthetic Cannabinoid Metabolites Screen - Basic, Urine</b>	<b>Effective Immediately</b>
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Scope of Analysis: NMS Labs SynCann(TM) Screen 1 [ELISA], NMS Labs SynCann(TM) Screen 2 [ELISA]

Method(s): Enzyme-Linked Immunosorbent Assay (ELISA)

Purpose: Forensic Analysis; Exposure Monitoring/Abuse Monitoring

Category: Synthetic Cannabinoid

Specimen Requirements: 3 mL Urine

Minimum Volume: 2.4 mL

Special Handling: None

Specimen Container: Plastic container (preservative-free)

Transport Temperature: Refrigerated

Light Protection: Not Required

Rejection Criteria: None

Stability: Room Temperature: 30 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 30 day(s)

<b>Method: Enzyme-Linked Immunosorbent Assay (ELISA)</b>
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Set-Up Days / TAT: Monday Wednesday Friday 3 days (after set-up)

CPT Code: 80101x2

Compound Name / Alias	Units	RL	Reference Comment
NMS Labs SynCann(TM) Screen 1 Fake Pot; Incense; K2; Spice; Synthetic Cannabinoids	ng/mL	5.0	
NMS Labs SynCann(TM) Screen 2 Fake Pot; Incense; K2; Spice; Synthetic Cannabinoids	ng/mL	5.0	



## New Tests and Test Updates

### Test Changes

#### 2087B Fiorinal®, Blood

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: LC-MS/MS (80196): Salicylate  
Method (CPT Code) GC (82491): Caffeine  
GC/MS (82205): Butalbital

#### 2087SP Fiorinal®, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Special Handling) were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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Specimen Requirements: 3 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).  
Scope of Analysis: LC-MS/MS (80196): Salicylate  
Method (CPT Code) GC (82491): Caffeine  
GC/MS (82205): Butalbital

#### 2087U Fiorinal®, Urine

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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Specimen Requirements: 3 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None



## New Tests and Test Updates

### Test Changes

Scope of Analysis: LC-MS/MS (80196): Salicylate  
Method (CPT Code) GC (82491): Caffeine  
GC/MS (82205): Butalbital

#### 3436B Percodan®, Blood

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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Specimen Requirements: 3 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: LC-MS/MS (80196): Salicylate  
Method (CPT Code) GC/MS (83925): Oxycodone - Free

#### 3436SP Percodan®, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Special Handling) were changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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Specimen Requirements: 3 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).  
Scope of Analysis: GC/MS (83925): Oxycodone - Free  
Method (CPT Code) LC-MS/MS (80196): Salicylate

#### 9268B Salicylates Screen, Blood

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [ELISA (80101)]

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# New Tests and Test Updates

## Test Changes

Specimen Requirements: 2 mL Blood  
Transport Temperature: Refrigerated  
Specimen Container: Lavender top tube (EDTA)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: ELISA (80101): Salicylates  
Method (CPT Code)

### 9268SP Salicylates Screen, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Special Handling) were changed.  
Methods/CPT Codes were changed [ELISA (80101)]

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Specimen Requirements: 2 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).  
Scope of Analysis: ELISA (80101): Salicylates  
Method (CPT Code)

### 9268U Salicylates Screen, Urine

Summary of Changes: Specimen Requirements were changed.  
Methods/CPT Codes were changed [ELISA (80101)]

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Specimen Requirements: 2 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Scope of Analysis: ELISA (80101): Salicylates  
Method (CPT Code)

### 5962U Synthetic Cannabinoid Metabolites Confirmation (Qualitative) - Expanded, Urine (Forensic)



# New Tests and Test Updates

## Test Changes

Summary of Changes: Scope of Analysis was changed.  
RCS-4 (O-desmethyl N-5-hydroxypentyl) metabolite, JWH-081 (O-desmethyl N-4-hydroxypentyl) metabolite, JWH-081 (O-desmethyl N-5-hydroxypentyl) metabolite, JWH-019 N-(6-hydroxyhexyl) metabolite, JWH-122 N-(4-hydroxypentyl) metabolite, JWH-122 N-(5-hydroxypentyl) metabolite, JWH-210 N-(4-hydroxypentyl) metabolite and JWH-210 N-(5-hydroxypentyl) metabolite were added.

Scope of Analysis: LC-MS/MS (83788): JWH-073 N-(4-hydroxybutyl) metabolite, RCS-4 (O-desmethyl N-5-hydroxypentyl) metabolite, JWH-081 (O-desmethyl N-4-hydroxypentyl) metabolite, JWH-081 (O-desmethyl N-5-hydroxypentyl) metabolite, JWH-250 N-(4-hydroxypentyl) metabolite, JWH-073 N-(3-hydroxybutyl) metabolite, JWH-018 N-(4-hydroxypentyl) metabolite, JWH-018 N-(5-hydroxypentyl) metabolite, AM-2201 N-(4-hydroxypentyl) metabolite, JWH-019 N-(5-hydroxyhexyl) metabolite, JWH-019 N-(6-hydroxyhexyl) metabolite, JWH-122 N-(4-hydroxypentyl) metabolite, JWH-122 N-(5-hydroxypentyl) metabolite, JWH-210 N-(4-hydroxypentyl) metabolite, JWH-210 N-(5-hydroxypentyl) metabolite

Compound Name	Units	Reference Comment
RCS-4 (O-desmethyl N-5-hydroxypentyl) metabolite	ng/mL	RCS-4, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. RCS-4 (O-desmethyl N-5-hydroxypentyl) has been identified as a major metabolite of RCS-4 in humans.
JWH-081 (O-desmethyl N-4-hydroxypentyl) metabolite	ng/mL	JWH-081, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-081 (O-desmethyl N-4-hydroxypentyl) has been identified as a major metabolite of JWH-081 in humans.
JWH-081 (O-desmethyl N-5-hydroxypentyl) metabolite	ng/mL	JWH-081, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-081 (O-desmethyl N-5-hydroxypentyl) has been identified as a major metabolite of JWH-081 in humans.



## New Tests and Test Updates

### Test Changes

Compound Name	Units	Reference Comment
JWH-019 N-(6-hydroxyhexyl) metabolite	ng/mL	JWH-019, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-019 N-(6-hydroxyhexyl) has been identified as a major metabolite of JWH-019 in humans.
JWH-122 N-(4-hydroxypentyl) metabolite	ng/mL	JWH-122, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-122 N-(4-hydroxypentyl) has been identified as a major metabolite of JWH-122 in humans.
JWH-122 N-(5-hydroxypentyl) metabolite	ng/mL	JWH-122, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-122 N-(5-hydroxypentyl) has been identified as a major metabolite of JWH-122 in humans.
JWH-210 N-(4-hydroxypentyl) metabolite	ng/mL	JWH-210, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-210 N-(4-hydroxypentyl) has been identified as a major metabolite of JWH-210, in humans.
JWH-210 N-(5-hydroxypentyl) metabolite	ng/mL	JWH-210, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-210 N-(5-hydroxypentyl) has been identified as a major metabolite of JWH-210, in humans.

9562U Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)





# New Tests and Test Updates

## Test Changes

Summary of Changes: Scope of Analysis was changed.  
NMS Labs SynCann(TM) Screen 1 and NMS Labs SynCann(TM) Screen 2 were added.  
Methods/CPT Codes were changed [ELISA (80101x2)]

Scope of Analysis: ELISA (80101x2): NMS Labs SynCann(TM) Screen 1, NMS Labs SynCann(TM) Screen 2  
Method (CPT Code)

Compound Name	Units	Reference Comment
NMS Labs SynCann(TM) Screen 1	ng/mL	
NMS Labs SynCann(TM) Screen 2	ng/mL	

### 4685B Trilisate, Blood

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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: 30 day(s)  
Refrigerated: 30 day(s)  
Frozen (-20 °C): 30 day(s)  
Scope of Analysis: LC-MS/MS (80196): Trilisate  
Method (CPT Code)

### 4685SP Trilisate, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Specimen Requirements (Special Handling) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]



# New Tests and Test Updates

## Test Changes

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)  
Scope of Analysis: LC-MS/MS (80196): Trilisate  
Method (CPT Code)

### 4685U Trilisate, Urine

Summary of Changes: Specimen Requirements were changed.  
Specimen Requirements (Specimen Container) were changed.  
Stability was changed.  
Methods/CPT Codes were changed [LC-MS/MS (80196)]

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)  
Scope of Analysis: LC-MS/MS (80196): Trilisate  
Method (CPT Code)



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## New Tests and Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
4140B	Salicylates - Total, Blood	4137B - Salicylate, Blood
4140U	Salicylates - Total, Urine	4137U - Salicylate, Urine
9268FL	Salicylates Screen, Fluid	No Alternate Tests Available