

# Idaho State Police Forensic Services

## Approval for Quality System Controlled Documents



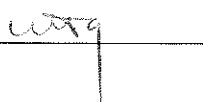
Discipline/Name of Document: Toxicology Work Instructions  
2.3.4 – Benzodiazepines in Urine UCT 200mg CLEAN SCREEN<sup>®</sup> DAU Extraction  
Column

Revision Number: 1

Issue Date: 3/7/2011

APPROVED BY:   
Quality Manager

3/7/2011  
Date Signed

Checklist Submitted and Checked 

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## WORK INSTRUCTIONS

### 2.3.4 Benzodiazepines in Urine UCT 200 mg CLEAN SCREEN® DAU Extraction Column

#### QUALITY ASSURANCE MATERIAL

##### Positive Control

##### **Stock Solution**

1mg/mL or 100µg/mL Benzodiazepine single compound or mix solution. A minimum of two benzodiazepine compounds must be placed into the working solution with a minimum of one compound forming a TMS derivative.

##### **10ng/µL Working Solution**

Prepare working solution as follows:

When using a 1mg/mL Stock Solution, add 100uL to approximately 9mL Methanol in 10mL ball flask. QS to volume.

When using a 100µg/mL Stock Solution, add 1000uL to approximately 8mL Methanol in 10mL ball flask. QS to volume.

*Other volumes may be prepared.*

##### Internal Standard

##### **Stock Solution**

1mg/mL Prazepam

##### **10ng/µL Working Solution**

Add 100uL to approximately 9mL Methanol in 10mL ball flask. QS to volume.

##### Conjugated Control

##### **Stock Solution**

Oxazepam-Glucuronide or Morphine-Glucuronide

##### **10ng/µL Working Solution**

Prepare working solution as follows:

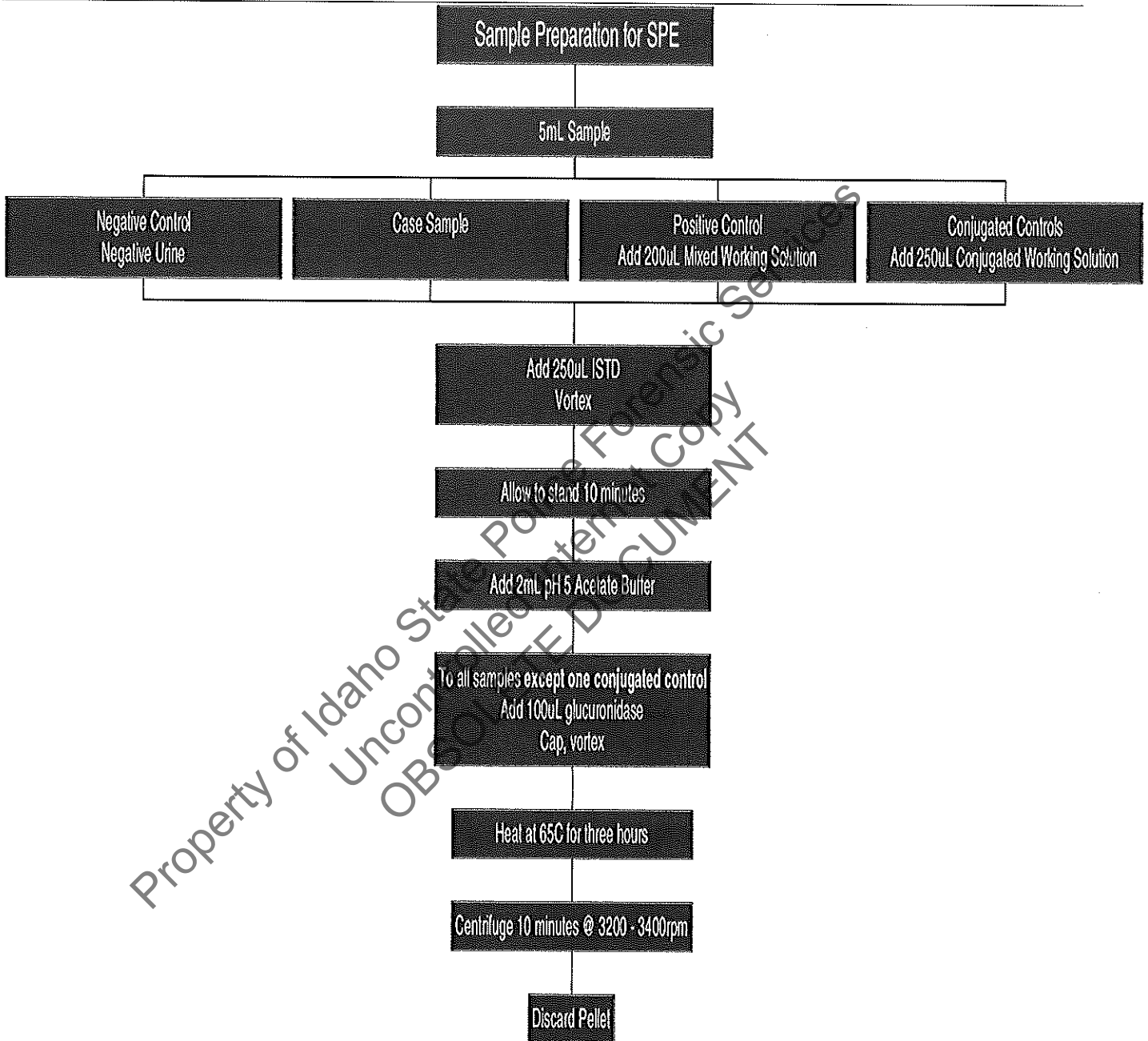
For a 1mg/mL Stock add 100uL to approximately 9mL Methanol in 10mL ball flask. QS to volume.

For a 100µg/mL Stock add 1000uL to approximately 8mL Methanol in 10mL ball flask. QS to volume.

*Other volumes may be prepared.*

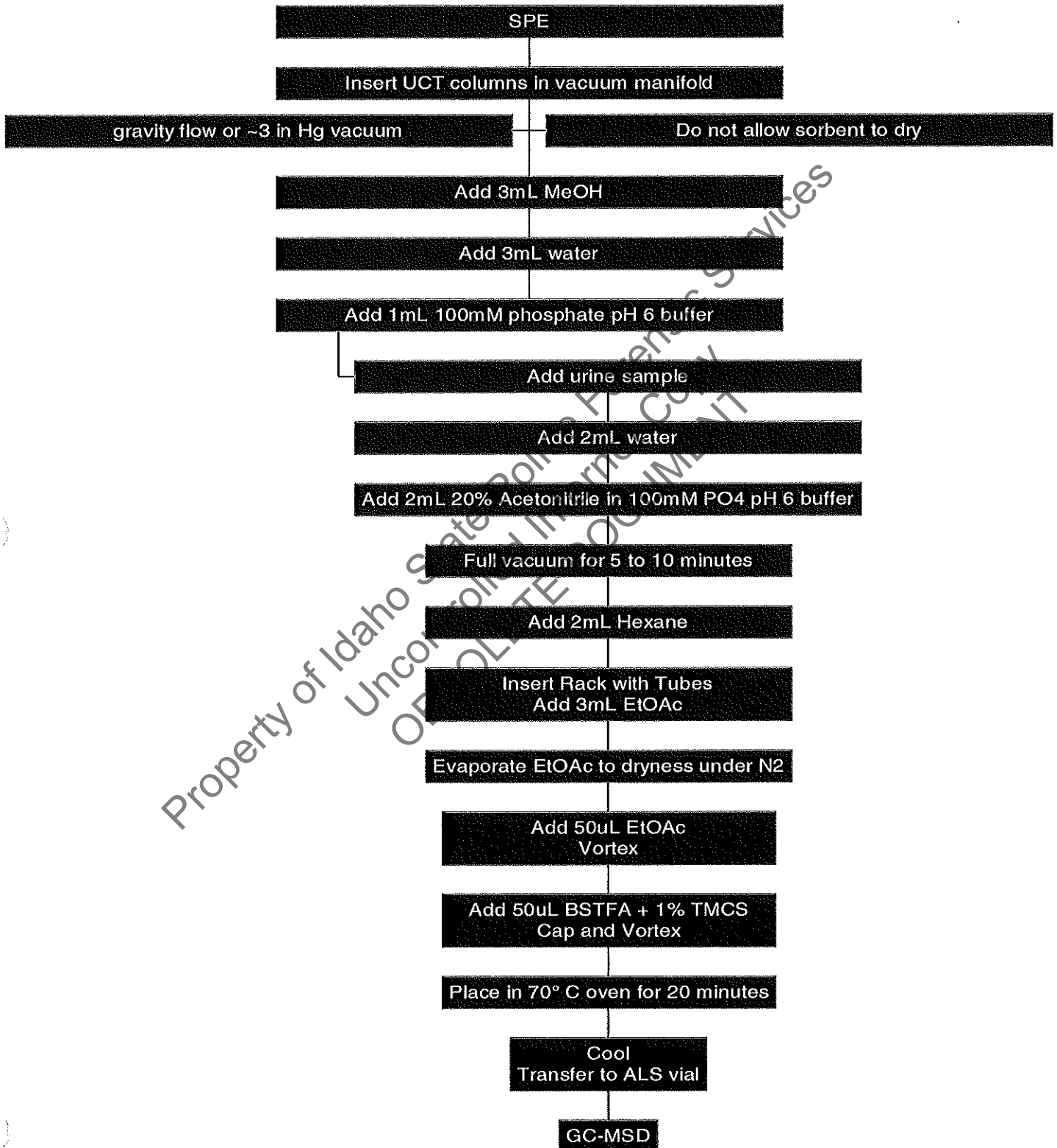
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#### *Revision History*

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Revision No.	Issue Date	Revision/Comments
0	06-29-2007	Original Issue
1	03/07/2011	Clarified schemes

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