

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® DAU Extraction
Column

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APPROVED BY:

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Quality Manager

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Date Signed

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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. Choose at least one compound that will form a TMS derivative. Alprazolam and α -Hydroxyalprazolam is a good pair.

10ng/µL Working Solution

Prepare working solution as follows:

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

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

Other volumes may be prepared.

Internal Standard

Stock Solution

1mg/mL Prazepam

10ng/µL Working Solution

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

Conjugated Control

Stock Solution

Oxazepam-Glucuronide or Morphine-Glucuronide

10ng/µL Working Solution

Prepare working solution as follows:

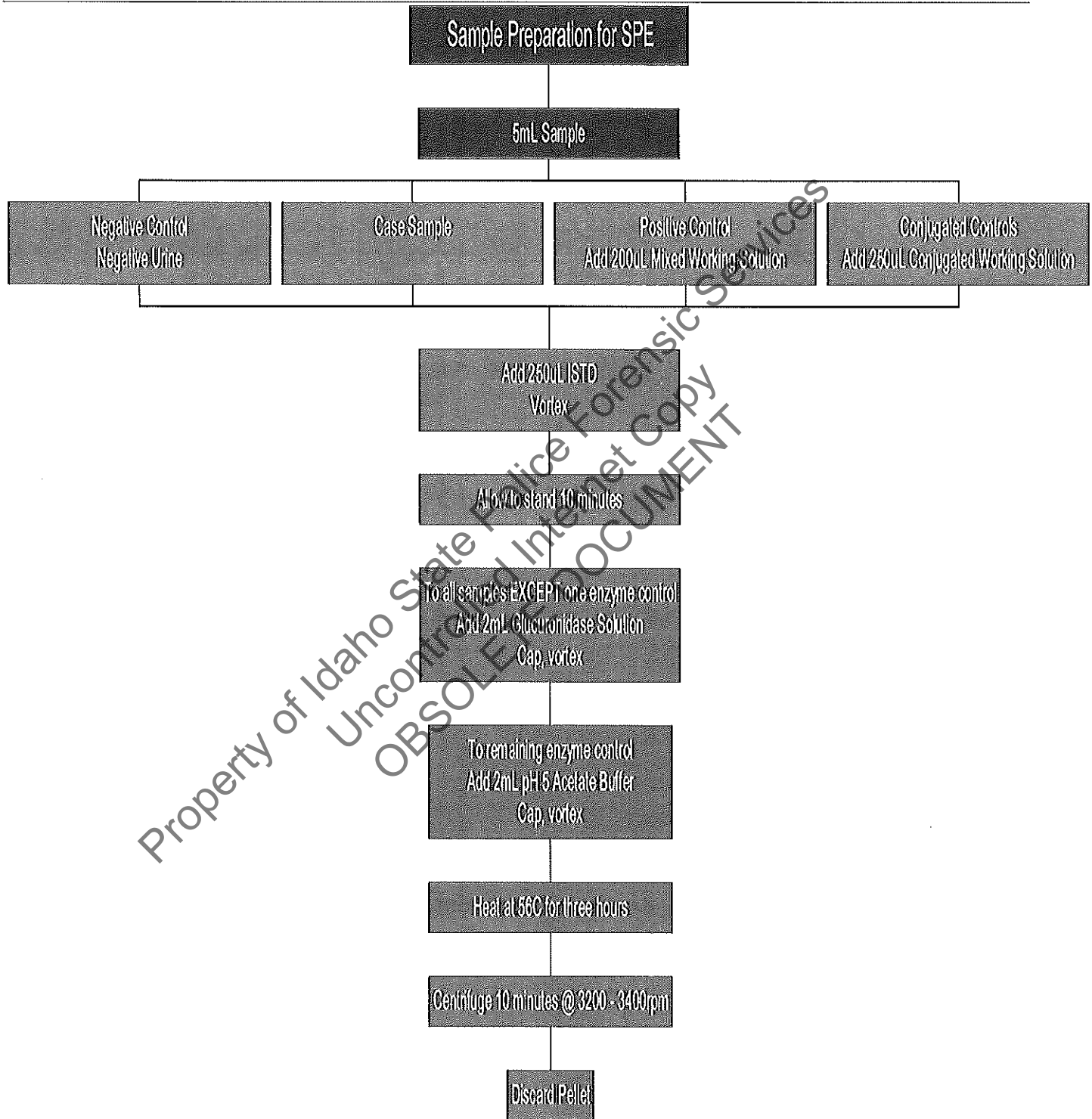
For a 1mg/mL Stock add 100uL to approximately 9mL Methanol, QS to 10mL in ball flask.

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

Other volumes may be prepared.

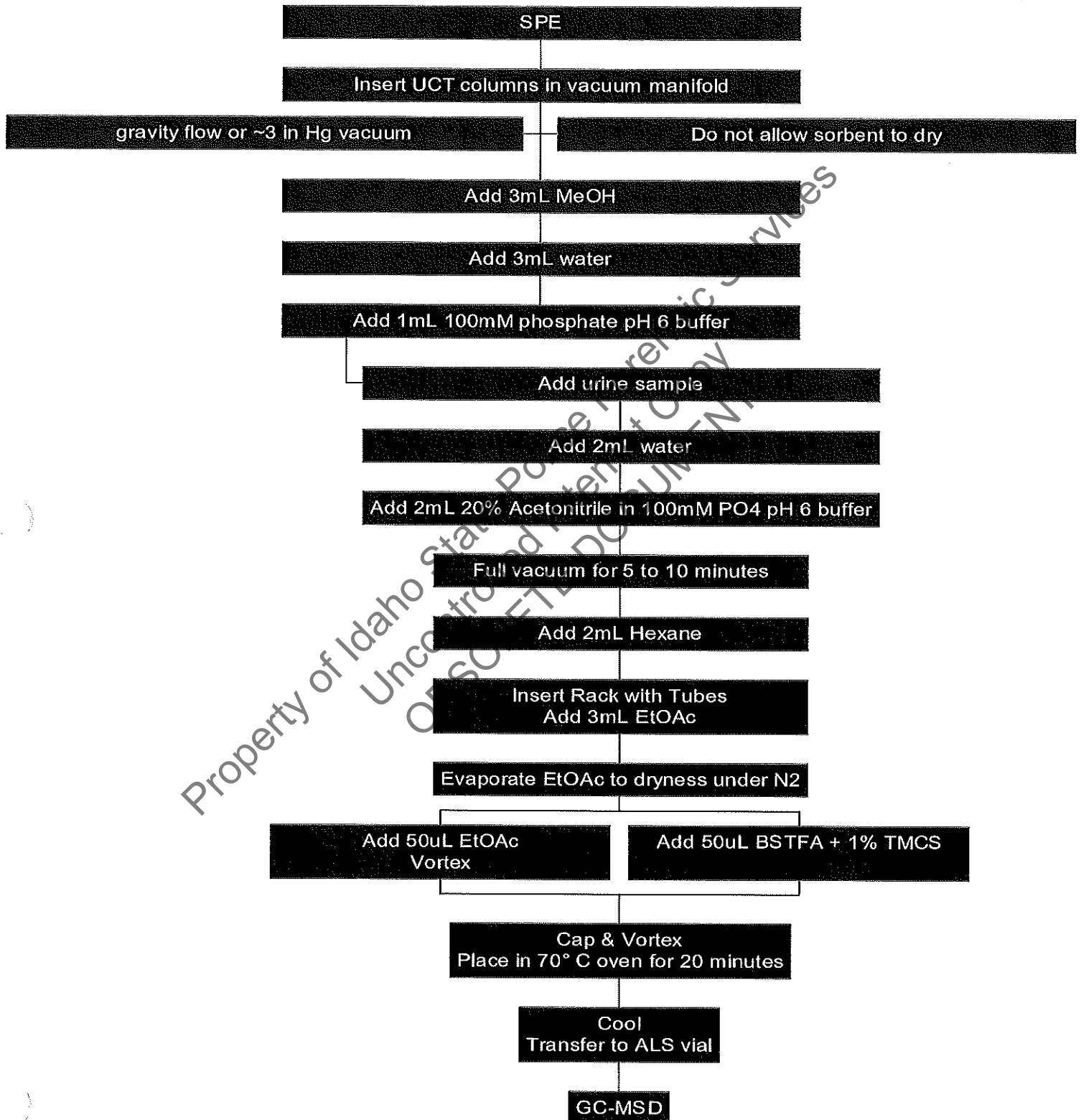
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