

WORK INSTRUCTIONS

2.3.6 Cocaine and Cocaine Metabolites Employing United Chemical Technologies (UCT) 200 mg CLEAN SCREEN® DAU Extraction Column

REFERENCE MATERIAL

Stock Solutions

1mg/mL Benzoyllecgonine, Cocaine, Ecgonine Methyl Ester and Mepivacaine.

Working Control Solution

Add designated volume of Stock Solutions to 10mL Methanol. Solution is stable for one year when stored under refrigeration.

Stock Solution	Volume (µL)	ng/µL
Benzoyllecgonine	100	10
Cocaine	100	10
Ecgonine methyl ester	100	10

Working Internal Standard Solution

Add 100µL Mepivacaine stock solution to 10mL Methanol. Solution is stable for three months when stored at room temperature.

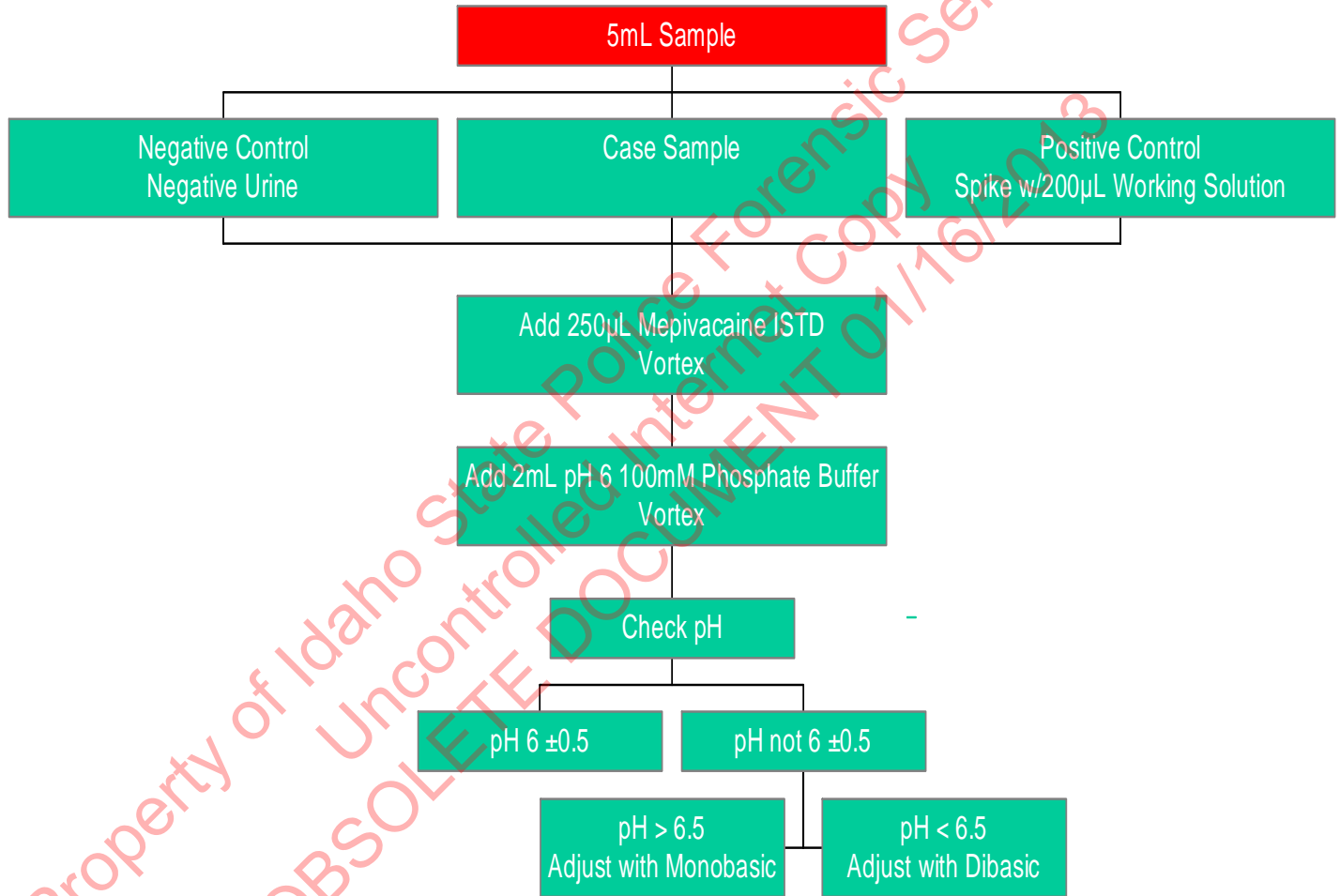
ELUTION SOLVENT

Elution solvent must be prepared fresh. Mix 20mL 2-Propanol with 2mL Ammonia Hydroxide in 100mL ball flask. Bring up to volume with Methylene Chloride and mix well.

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SAMPLE PREPARATION FOR SPE



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Revision History

Revision No.	Issue Date	Revision/Comments
0	5/15/2009	Original Issue

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