## 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 Benzoylecgonine, Cocaine, Ecgonine Methyl Ester and Mepivacaine.

#### **Working Control Solution**

Forest Only 612 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
Benzoylecgonine	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.

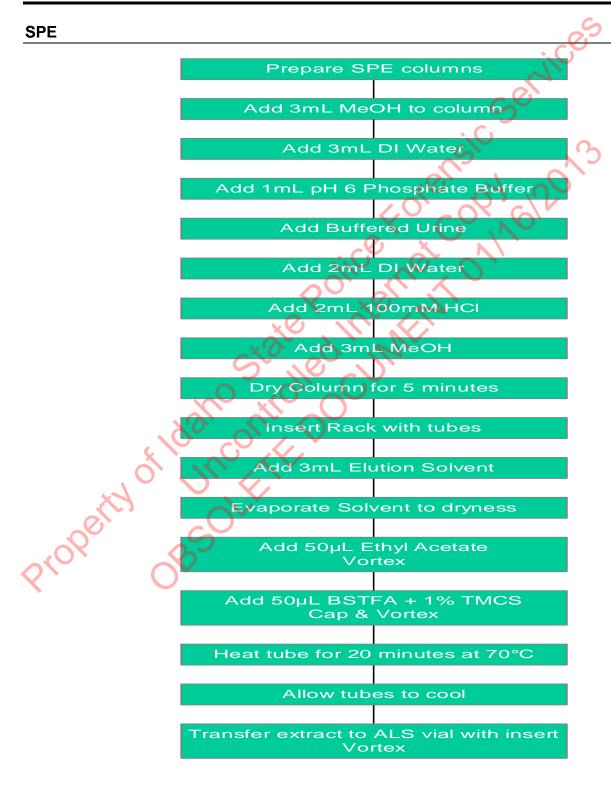
#### **ELUTION SOLVENT**

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.

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

# SAMPLE PREPARATION FOR SPE 5mL Sample **Negative Control Positive Control** Case Sample Spike w/200µL Working Solution **Negative Urine** Add 250uL Mepivacaine ISTD Vortex Add 2mL pH 6 100mM Phosphate Buffer Property of Idahoonth Vortex Check pH pH not 6 ±0.5 pH > 6.5pH < 6.5 Adjust with Monobasic Adjust with Dibasic

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



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

## Revision History

Revision No.	Issue Date	Revision/Comments		
0	5/15/2009	Original Issue		
		60,00,0/V		
O 5/15/2009 Original Issue  Rollice Heat Oliver Heat O				
		politically of the state of the		
	×0	Mierk		
Ctalled IMI				
	0			
>	She Will			
4/1	1,700×6			
×40.	71. (1)			
	COV			
600 BS				
S, O,				