# **WORK INSTRUCTIONS**

## 2.4.2 Confirmation for Gamma Hydroxybutyrate (GHB) in Urine utilizing **Toxi-B Extraction Tubes**

#### REFERENCE MATERIAL

#### **GHB Positive Control**

- Stock Solutions 1 mg/mL single component Gamma Hydroyxbutyric Acid (GHB) reference solution.
- Direct spiking

Two positive controls:

Spike one sample containing 4050uL negative urine with 450ut of GHB 1mg/mL. Spike one sample containing 3600uL negative urine with 900uL of GHB 1mg/mL.

## **Non-extracted GHB Reference Material**

- Direct spiking
  Spike tapered bottom tube with 10uL, divand derivatize.

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**Toxicology Work Instructions** 

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# 2.4.2 Confirmation for Gamma Hydroxybutyrate (GHB) in Urine utilizing De-Tox B Extraction Tubes

### **De-Tox B Tube Extraction**

#### Reagents

**De-Tox B tubes** 

**Qualitative Controls Spiked Positive controls Negative Urine** 4.5mL Sample ked Positive Control **Negative Control** Case Sample **Negative Urine** Jug/mL (450uL GHB to 4050uL neg) 200ug/mL (900uL SB3 to 3600uL neg) Add Sample to B Exception Tube Property of Idaho France 00-3000rpm ent to tapered bottom tube e to ~50uL under N2 at 37C Allow to cool Add 40uL Silylating Reagent Cap and Vortex. Heat for 15 min @60C Allow to cool Transfer Derivative to ALS vial with insert GC/MS Analysis run