



### Quality Division Use Only

**Scientific Area Committee (SAC):**  **Subcommittee:**

**Standard/Guidelines Title**

**Date added to OSAC Registry**

**Can the Standard/Guidelines be followed in totality?**

**Please explain if the Standard/Guidelines and the applicable clauses that cannot be followed in their totality:**

The Toxicology Section is capable of meeting all clauses of the standard for testing of urine in drug facilitated crimes except as described here:

- 4.2 – The section does not currently have GHB as part of the regular panel for screening and does not outsource to specifically test for this substance. In addition, the section is not currently able to obtain the required analytical sensitivity of some analytes (see below).
- 4.3 – The section is not currently able to obtain the required analytical sensitivity of some analytes and does not outsource unless specifically requested.

Table 1 –

Currently Out of Scope	Current Validated Method does not meet required analytical sensitivity
Ethanol GHB Chlorophenylpiperazine Desipramine Nortriptyline Norchlorcyclizine Zolpidem carboxylic acid Zopiclone	Amitriptyline Diphenhydramine Doxylamine Butalbital Phenobarbital Alpha-hydroxyalprazolam 7-aminoclonazepam Lorazepam Oxazepam Methorphan (as dextromethorphan, or similar) Norketamine Carisoprodol Meprobamate Norfentanyl Hydrocodone Hydromorphone



**Compliance plan to achieve conformance to Standard/Guidelines:**

The Toxicology Section did an extensive validation study to determine the cross-reactivity of non-target analytes by immunoassay (Validation\_EIA\_Cross-Reactivity\_Eff. 2024-04-11).

Toxicology intends to validate an LC-MS/MS targeted screening method with the goal of replacing the immunoassay screening method currently in use. Once validated, the LC-MS/MS screening method would meet the sensitivity requirements of ANSI/ASB 121. The Toxicology Section has purchased the instrumentation and expects completion of the full implementation of this standard to occur in more than 6 months. Time is the current resource hinderance as the section needs time to perform the instrument and method validations in addition to training of personnel while conducting other concurrent section projects and meeting operation metrics.

**Declaration of Compliance to OSAC Registry Standard/Guidelines:**

As of June 11, 2024, the Toxicology Section is compliant with all other requirements and recommendations listed in the ANSI/ASB 121 Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Urine in Drug-Facilitated Crime Investigations.

**Technical Leader:** N/A

**Date:** N/A

**Section**

**Manager/Designee:**   
Corissa Rodgers (Jul 2, 2024 14:42 CDT)

**Date:** Jul 2, 2024

**Division Director:** 

**Date:** Jul 2, 2024

**Quality Director:** 

**Date:** Jul 10, 2024