January 6, 2025

Analyst: Kayla Baylor
Area of Proficiency Tested: Seized Drugs Analysis
Date of Test Completion: November 8, 2024
Proficiency Test Service Provider: Collaborative Testing Service
Source of Test: External
Test Number: CTS-24-5002
Lab Number: BCCL-24-1717

As part of the Quality program adhered to by the Brazoria County Sheriff's Office Crime Laboratory, all technical personnel shall participate annually in the Laboratory's Proficiency test program as a mechanism for critical self-review and a means by which others, such as ANAB, may evaluate Laboratory performance on an on-going basis. As part of this program, this letter discusses your performance on the proficiency examination identified above. Your findings were satisfactory and in line with the collaborative group findings in the summary report. The findings are as follows:

ITEM 1: Reported results for this item was no controlled substance, weight 0.25 grams ± 0.02 grams. A color test and GC/MS were used to identify the substance. Two GC/MS runs were completed using different extraction solvents. The qualitative identification was in line with the collaborative group reporting of no controlled substance identified. Nearly all of the participants utilized GC/MS as part of their examination scheme. Other common examination methods included color tests and FTIR.

ITEM 2: Reported results for this item was Xylazine and Dihydrocodeinone (Hydrocodone) weighing 0.24 grams ± 0.02 grams, which was identified via a color test and GC/MS. Three GC/MS runs were completed using two different extraction solvents. Both Xylazine and Dihydrocodeinone were positively identified via GC/MS, and Dihydrocodeinone was positively identified via retention time. The qualitative identification was in line with the collaborative group reporting of Hydrocodone bitartrate. Xylazine, a dangerous drug, was also reported by a number of other participants and was included in the manufacturer's information. Once again, nearly all of the participants utilized GC/MS as part of their examination scheme. Other common examination methods included color tests and FTIR.

Thank you for your hard work and a job well done.

Aleia Winters, Laboratory Quality Manager

Acknowledged: Kayla M. Baylor Date: 01/06/2025