December 29, 2023

Analyst: Derek Sanders
Area of Proficiency Tested: Seized Drugs Analysis
Date of Test Completion: May 11, 2023
Proficiency Test Service Provider: Collaborative Testing Service
Source of Test: External
Test Number: CTS-23-5001
Lab Number: BCCL-23-0631

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, weighting 0.1453 grams ± 0.0016 grams. A color test and GC/MS were used to identify the substance. Three GC/MS runs were also completed, two using different extraction solvents. The qualitative identification was in line with the collaborative group reporting of no drug identified. Nearly all of the participants utilized GC/MS as part of their examination scheme. Other common examination methods included color tests and FT-IR.

ITEM 2: Reported results for this item was methadone, weighing 0.1947 grams ± 0.0016 grams. Methadone was identified via a color test and GC/MS. Methadone was positivity identified via two GC/MS runs and retention time. The qualitative identification was in line with the collaborative group reporting of methadone hydrochloride. Once again, nearly all of the participants utilized GC/MS as part of their examination scheme. Other common examination methods included color tests and FT-IR.

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

Aleia Winters, Laboratory Quality Manager

Acknowledged: _____ Date: 29 Dec 2023