January 16, 2025

Analyst: Derek Sanders
Area of Proficiency Tested: Seized Drugs Analysis
Date of Test Completion: December 2, 2024
Proficiency Test Service Provider: Collaborative Testing Service
Source of Test: External
Test Number: CTS-24-5041
Lab Number: BCCL-24-1875

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 Pentylone and Lidocaine, weighing 0.1803 grams ± 0.0003 grams. Pentylone and Lidocaine were identified via a color tests and GC/MS examinations. A total of five GC/MS runs were completed in hopes to produce greater separation. The qualitative identification was in line with the collaborative group reporting of Pentylone. 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 no controlled substance, weighing 0.1816 grams ± 0.0003 grams. Two GC/MS runs were completed using different extraction solvents. No peaks were identified in both runs. The qualitative identification was in line with the collaborative group reporting of no controlled substance. 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 Digitally signed by Aleia Winters Date: 2025.01.29 08:53:43 -06'00'

Aleia Winters, Laboratory Quality Manager

Acknowledged: Derek Sanders Digitally signed by Derek Sanders Date: 2025.01.28 08:12:01 -06'00' Date: 28 January 2025