July 28, 2025

Analyst: Derek Sanders
Area of Proficiency Tested: Seized Drugs Analysis
Date of Test Completion: May 12, 2025
Proficiency Test Service Provider: Collaborative Testing Service
Source of Test: External
Test Number: CTS-25-5001
Lab Number: BCCL-25-0531

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 Cannabis Sativa L., weighing 0.39 grams ± 0.03 grams. Cannabis Sativa L. was identified via a color test, GC/MS, and microscopic examination. Delta-9-THC was positivity identified via GC/MS and retention time. The physical characteristics observed under microscopic examination pointed to the plant material originating from Cannabis Sativa L. At this time, the Laboratory does not have a way to differentiate between marihuana and hemp as a source for the delta-9-THC. Therefore, the qualitative identification was in line with the collaborative group reporting of marihuana (delta-9-THC). A majority of participates utilized GC/MS as part of their examination scheme. Other common examination methods included color tests and GC.

ITEM 2: Reported results for this item was no controlled substance identified, weight 0.2326 grams ± 0.0003 grams. A color test, GC/MS, and FTIR were used to identify the substance. Two GC/MS runs were also 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.

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

Aleia Winters
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Date: 2025.07.29 11:51:39 -05'00'

Aleia Winters, Laboratory Quality Manager

Acknowledged: Derek Sanders
Digitally signed by Derek Sanders
Date: 2025.07.29 11:46:12 -05'00'

Date: July 29, 2025