Collaborative Testing Services, Inc.
FORENSIC TESTING PROGRAM

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Manufacturer's Information
Test No. 18-568: Breath Alcohol Simulator Solution Analysis

Each sample pack consisted of two 500mL bottles of solution each with a different alcohol concentration. Participants were requested to analyze each item and report the resultant Breath Alcohol Concentration (BrAC).

ITEMS 1 and 2 (PREPARATION): Sample preparation consisted of combining a predetermined volume of ethanol and DI water. Each solution was mixed and left to equilibrate before being sent for predistribution testing.

SAMPLE SET ASSEMBLY: Once predistribution results were received, the samples were then dispensed into pre-labeled sample bottles. A sample pack was prepared containing an Item 1 and 2.

VERIFICATION: Laboratories that conducted predistribution analysis of the samples reported consistent results that were comparable to the preparation Breath Alcohol Concentrations.

Item	Preparation BrAC (g/210L)
1	0.34
2	0.10

Please note that the Preparation BrAC is the value used for calculations during the test preparation phase and may not necessarily represent the final concentration of the samples. It is advised to wait for the Grand Mean statistics available in the Summary and Individual Reports before evaluating performance.

The information presented here details how test samples were prepared as well as any design specifications. This information does not necessarily represent the answers that should or could be obtained from an examination of the sample(s). Final interpretation of the results should be deferred until the summary report is available.