



Manufacturer's Information

Test No. 10-568: Breath Alcohol Simulator Solution

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 Breath Alcohol Concentration (BrAC).

SAMPLE PREPARATION-

Four 50L carboys were labeled with the appropriate preparation BrAC, item number, and batch letter. The carboys were rinsed with deionized (DI) water and left to air dry prior to use. In order to obtain the sufficient volume needed for this test, two batches were prepared of each Item (A and B). Each batch of both items was prepared using the following procedure.

ITEMS 1 and 2 (PREPARATION): Sample preparation consisted of adding a predetermined amount of ethanol to a carboy containing 30L of DI water followed by an additional amount of DI water to reach the final volume of 35L. Each solution was mixed and left to equilibrate for four days before being sent for predistribution testing.

SAMPLE SET ASSEMBLY: Once predistribution results were received, the samples were then dispensed from the appropriate carboy into pre-labeled sample bottles and packaged for shipment. A sample pack was prepared containing an Item 1 and 2 from the same batch. Each sample pack and item was labeled with test number and batch letter.

VERIFICATION-

Laboratories that conducted predistribution analysis of the samples reported consistent results for each batch that were comparable to the preparation Breath Alcohol Concentrations.

<u>Item</u>	<u>Preparation BrAC (g/210 L)</u>
Item 1	0.19
Item 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.