

SIMULATOR SOLUTION



Lifeloc Technologies is now the manufacturer of **Plus 4 Engineering Simulator Solution**. Our certified premixed alcohol reference solution is ready for immediate use with all standard wet bath simulators.

USE

Solution is created for use in wet bath simulators designed to calibrate instruments that measure breath alcohol concentration (BrAC).

CONCENTRATION

Solution is available in concentrations of .050, .080, .100, & .200 BrAC. Custom concentrations are available upon request.

PREPARATION

Premixed solutions are composed of purified water and USP ethyl alcohol. NIST traceable standards are used to provide optimal accuracy and results.

ACCURACY

When used in a wet bath simulator operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, this solution will produce a vapor concentration within 0.002 BrAC or 2%, whichever is greater, of the stated BrAC value.

ANALYSIS

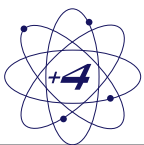
Each batch of solution is independently analyzed using infrared spectroscopy to measure and verify the alcohol vapor concentration. A certificate of analysis is shipped with every order.

BOTTLING & LABELING

Solution is packaged in a 500 ml high density polyethylene bottle and capped with an induction-lined closure, providing a hermetic, leak proof, and tamper evident seal. Every batch of solution is given a unique lot number which is reflected on the label. Each bottle is also labeled with its corresponding BrAC concentration, the name of Lifeloc employee who prepared the solution, the manufacturing date, and the expiration date (two years after manufacturing date).



***For volume discount and custom solution inquiries, please contact sales@lifeloc.com or call 303-431-9500.**



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TECHNOLOGIES