TITLE OF INVENTION: PH METER CALIBRATION AND CORRECTION

ABSTRACT

The disclosure relates to systems and methods for detecting and correcting errors in pH meter calibration or function when changing the pH of a sample, comprising measuring an initial pH, adding two or more amounts of titrant and measuring corresponding pH values, and applying a model to determine if the measured pH values correspond to pH values predicted by the model. The systems and methods can be used to control pH during viral inactivation of protein samples.

FIG. 17