TITLE OF INVENTION: SYSTEMS AND METHODS OF PH MODELING AND CONTROL

ABSTRACT

The disclosure relates to systems and methods for controlling the pH of a sample, comprising measuring an initial pH, adding an amount of titrant and measuring a second pH, and using non-dimensional modeling to normalize titrant and determine the amount of titrant needed to reach a final pH. The systems and methods can be used to control pH during viral inactivation or titration of protein samples.

FIG. 10