



pH of a Tris solution as a function of the number of drops of 2.0M HCl. The initial pH was 10.35. The target pH was 8.0. 41 drops of 2.0M HCl were added, resulting in a final pH of 7.99. Observe that the magnitude of change in pH decreases until drop 10, after which the change in pH is essentially constant. This is consistent with the fact that Tris acts as a buffer for pH values between 7.2 and 9.2.