

CHEM 1120 Critical Item 4

Calculate the pH of a 0.015 M solution of HCl. ANS: 1.82

Calculate the pH of a 0.025 M solution of HClO₄. ANS: 1.60

Calculate the pH of a 0.050 M solution of HBr. ANS: 1.30

Calculate the pH of a 0.35 M solution of HNO₃. ANS: 0.46

Calculate the pH of a 0.0025 M solution of HBrO₃. ANS: 2.60

Calculate the pH of a 0.075 M solution of HI. ANS: 1.12

Calculate the pH of a 0.0085 M solution of HIO₄. ANS: 2.07

Calculate the pH of a 0.15 M solution of HClO₄. ANS: 0.82

Calculate the pH of a 0.0085 M solution of HIO₄. ANS: 2.07

Calculate the pH of a 0.090 M solution of HIO₃. ANS: 1.05