

$$\Delta A = \frac{\Delta \varepsilon \left([\text{M}(\text{HL})^{n+}] + [\text{F}^-] + 1/K \right) + \left(\Delta \varepsilon^2 \left([\text{M}(\text{HL})^{n+}] + [\text{F}^-] + 1/K \right)^2 - 4\Delta \varepsilon^2 [\text{M}(\text{HL})^{n+}][\text{F}^-] \right)^{1/2}}{2} \quad (2)$$