$$K_2 = 32.03 \frac{mg}{meq} \frac{24.05L}{mole} \frac{1\,mole}{64.06g} \frac{1g}{10^3 mg} \frac{10^3 mL}{L} \frac{10^3 \mu L}{l\,mL}$$

$$= \frac{12025 \mu L}{meq}$$