• Oxalic acid, $H_2C_2O_4$, found in rhubarb, causes muscle spasms by precipitating Ca²⁺ ions from the blood as calcium oxalate, CaC₂O₄·H₂O. Given the solubility product constant for calcium oxalate is 2.3×10^{-9} M², calculate the concentration of calcium ions in g L⁻¹ formed by dissolving CaC₂O₄·H₂O in water at 25 °C to give a saturated solution.

Answer: