Figure Caption: Nitrogen adsorption and desorption isotherms for (A) control blank mesoporous silica and (B) U₃O₈-incorporated mesoporous silica. Insert: pore distribution of (C) control blank mesoporous silica and (D) U₃O₈-incorporated mesoporous silica. The surface areas of control blank sample and U₃O₈-incorporated mesoporous sample are 568.2 m²/g and 250 m² g⁻¹, respectively.