## Supplementary material for

## Functionalized cellulose regenerative microcolumn combined with ultraviolet spectrophotometry for economic

## detection of selenium in purple potato

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Figure S2 Experimental and predicted breakthrough curves using Thomas model for Se(IV) adsorption by TGAC (TGAC 300.0 mg, pH 3.5,  $C_0 = 0.10$  mg/mL, flow rate = 1.0 mL/min).



Figure S3. SEM of (A) cel; (B) TGAC; (C) TGAC-Se(IV)



