# Electronic supplementary information (ESI)

Core-Shell Ag-Molecularly Imprinted Composite for SERS Detection of Carbendazim

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**Figure S1.** SEM images of Ag@SiO2 (a) and Ag@SiO2 –MIP (b)



**Figure S2.** Structures of Carbendazim and Sulfamethazine



**Figure S3.** Ag@SiO2-MIP spectra of Sulfamethazine 1x 10-3 range of (a) 0 cm-1 - 3500 cm-1



**Figure S4**. Comparison of regression lines obtained for water or acetonitrile was used as solvent at 1550 cm-1 (A) and 2135 cm−1 (B)