Electronic Supplementary Material (ESI) for Analytical Methods.

A flower-like Ag coated with molecularly imprinted polymers as surface-enhanced Raman scattering substrate for sensitive and selective detection of glibenclamide

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Apptlication to real sample analysis

The tap water was selected to evaluate the practical application of flower-like Ag@MIPs. Table S1 shown the relevant parameters of tap water. The flower-like Ag@MIPs used as the SERS substrate for the Raman detection after added a certain amount of glibenclamide into the tap water, and the result was shown in Fig. S1. The Raman characteristic peaks of glibenclamide was obtained, which shown that this method has the potential for practical application.

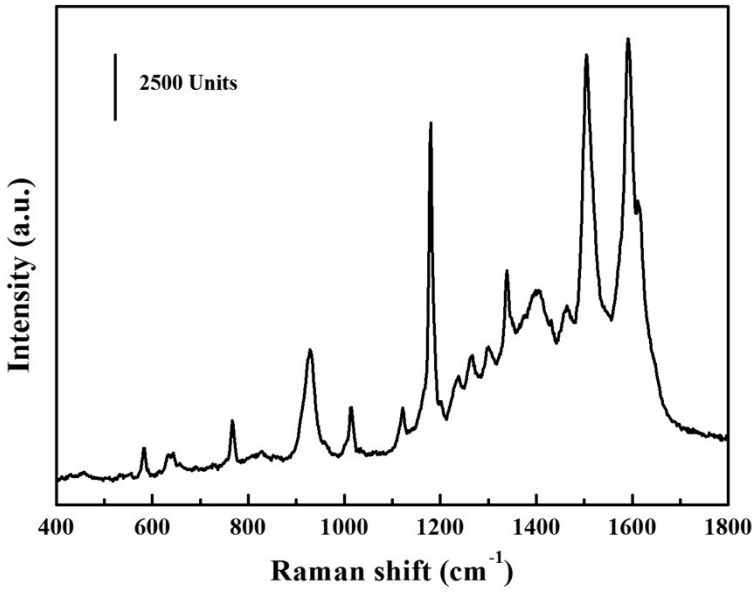

Fig. S1 The SERS spectrum of tap water sample.

Table S1 The parameter of the tap water.

Parameter	Value
turbidity	0.31
TOC	2.44 mg/L
pH	6.8