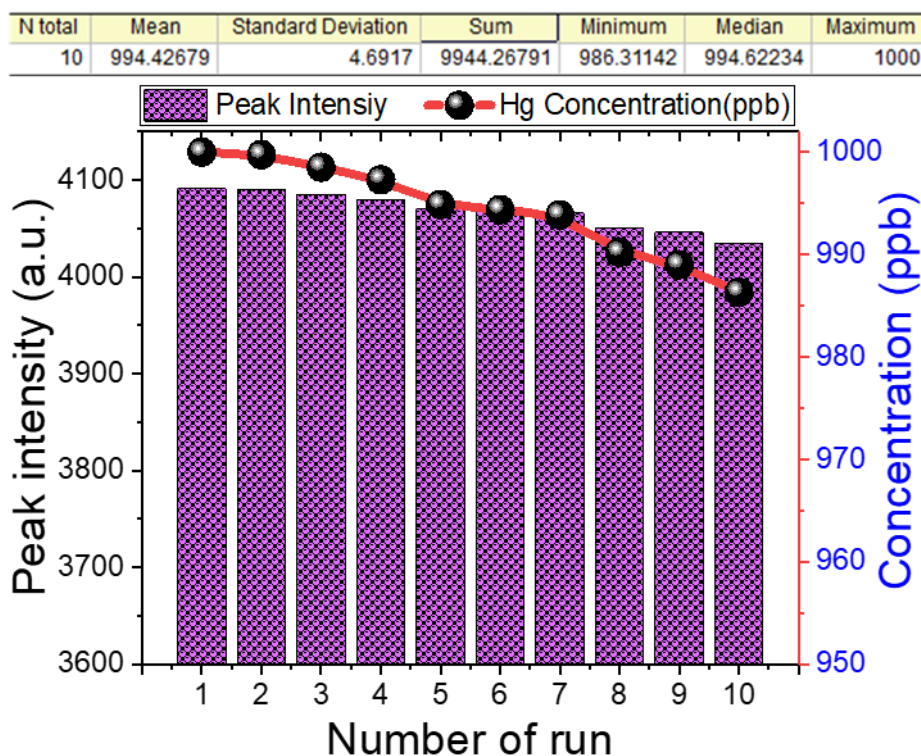


# In-Situ SERS Detection of $\text{Hg}^{2+}/\text{Cd}^{2+}$ and Congo Red Adsorption Using Spiral CNTs/Brass Nails

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**Figure S1.** Reusability test of the of SERS sensor for ten cycles provided with a table for the descriptive statistics of the results. After each cycle, the SERS sensor is cleaned by rinsing with deionized (DI) water and drying with nitrogen.