

Supplementary material 1

Calibration curve for total iron determination

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Data description: Calibration curve used for photolorimetric determination of total iron by measuring the absorbance of the iron–sulfosalicylic acid complex at $\lambda = 430$ nm. The calibration range was 0–10 mg/L, with $R^2 = 0.99983$ and a limit of quantification of 0.1 mg/L.

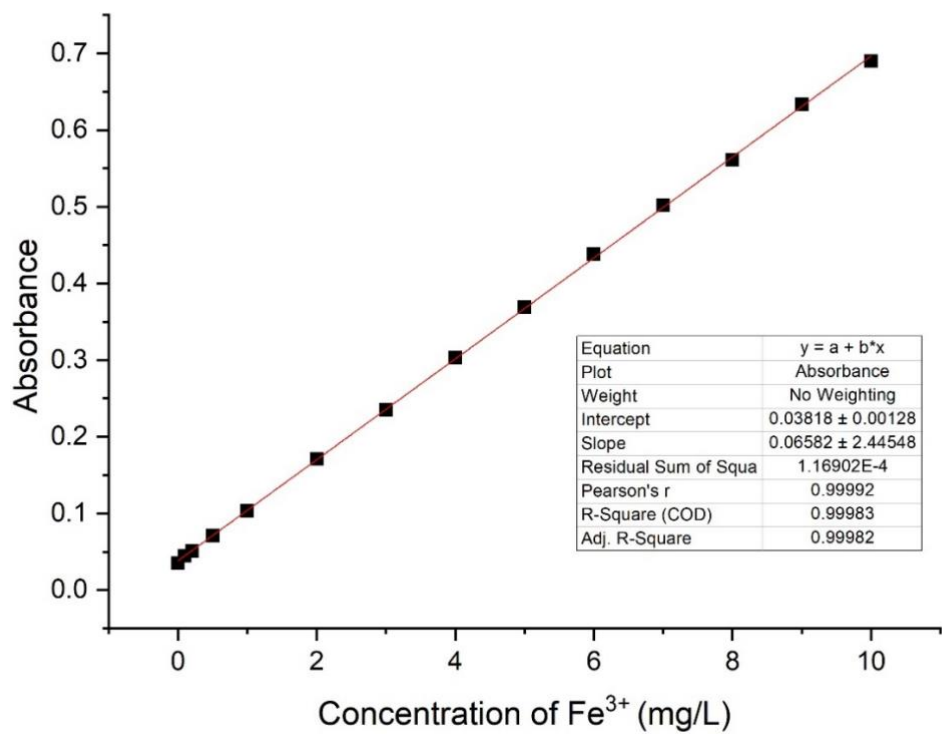


Figure S1. Calibration curve for the dependence of optical density on Fe³⁺ ion concentration.