

Human Serum) ()

(UV-visible spectroscopy) (Albumin

Fourier) (Fluorescence spectroscopy)

(binding constant) (transform Infrared spectroscopy

(293K)

($9.686 \times 10^6 \text{ L mol}^{-1}$) ($2.55 \times 10^3 \text{ M}^{-1}$) ($1.812 \times 10^4 \text{ M}^{-1}$)

($3.875 \times 10^7 \text{ L mol}^{-1}$) (Sten-Volmer constant)

(Maximum Intensity)

(Intensity) ()

(HSA)

(Static quenching) (HSA)

(FTIR)

(Second derivative resolution) (Fourier-self deconvolution)

(Curve fitting procedure)

(Secondary structure) (HSA)

(Absorption bands) (Peaks)
 (FTIR) (Peaks)
 (β-sheets) (α-helix)
 (H-bonding) (The intensity)
 (β-sheets) (α-helix)
 -)) ((N-H) (C=O))
 ((OH
 (HSA) (Secondary structure)
 (binding constant)