



Supplementary Materials

for

Measurement of the thermal diffusivity of a dispersion of silicon oxide nanoparticles using the method of two-beam thermal lens spectrometry

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Figure

Figure S1. UV-visible spectra for Ludox with different concentrations of the solid phase: (a) SM with $d_{av} = 7$ nm, (b) HS with $d_{av} = 12$ nm, (c) TM with $d_{av} = 22$ nm;

Figure S2. Thermal diffusivity of various Ludox with different concentrations of the solid phase measured by the TLS (Equations 10 and 2; lines,) and heat-flow method (Equations 14; crosses): (a) SM with $d_{av} = 7$ nm, (b) HS with $d_{av} = 12$ nm, (c) TM with $d_{av} = 22$ nm.

Citation: To be added by editorial staff during production.

Academic Editor: Firstname Last-name

Received: date

Accepted: date

Published: date

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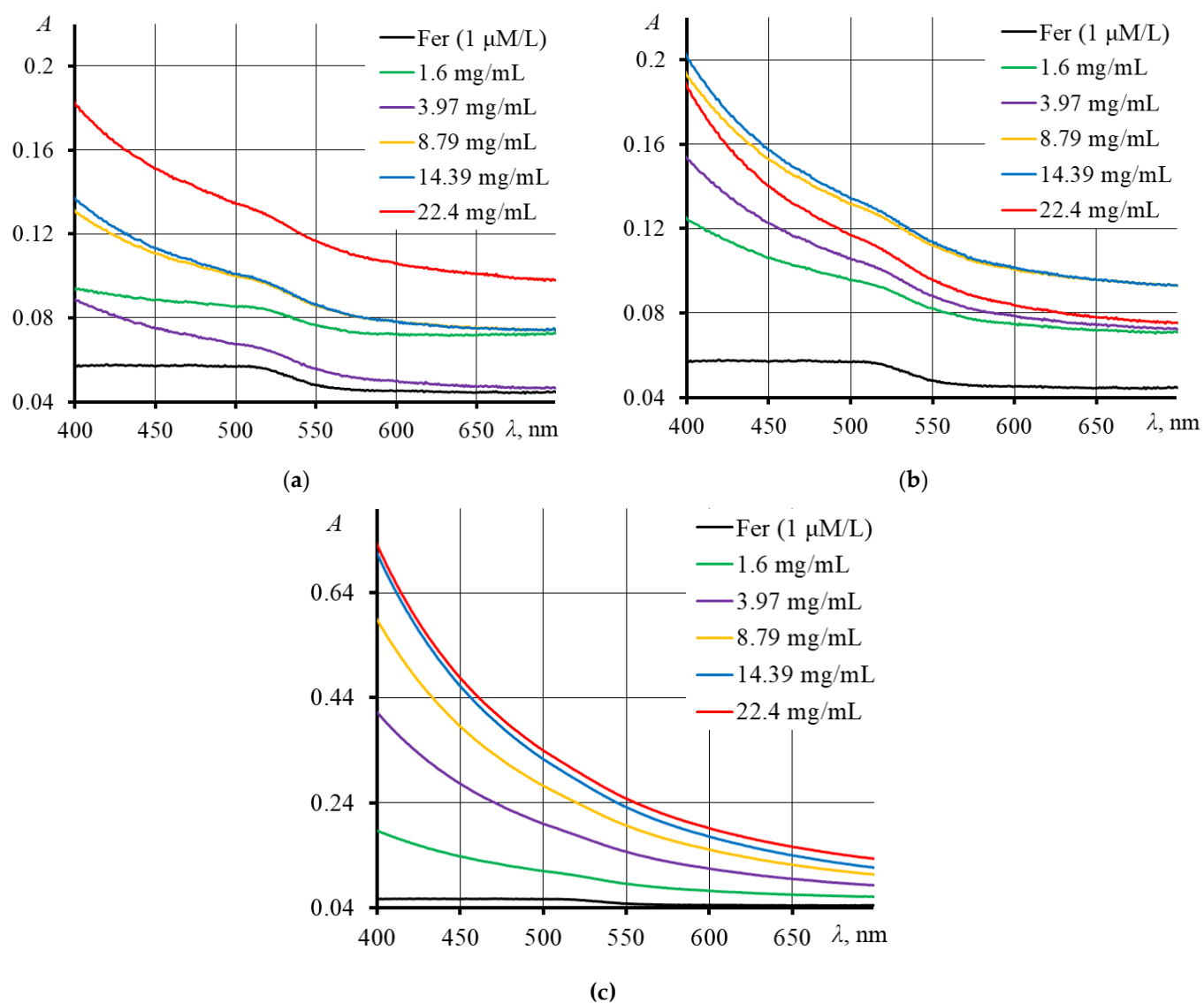


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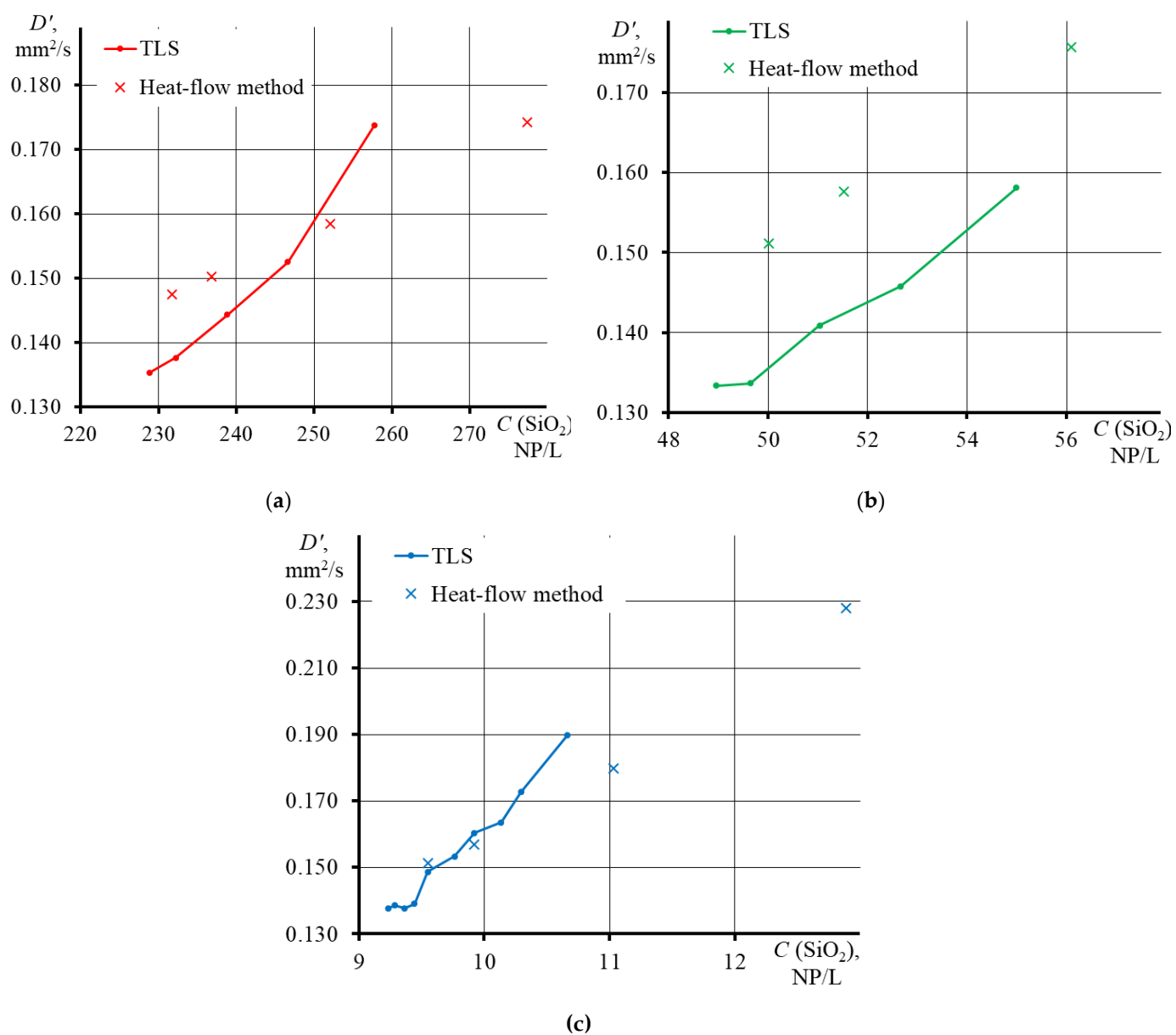


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