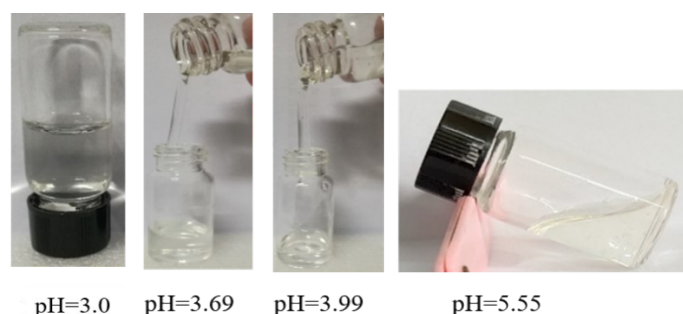


Electronic Supporting information

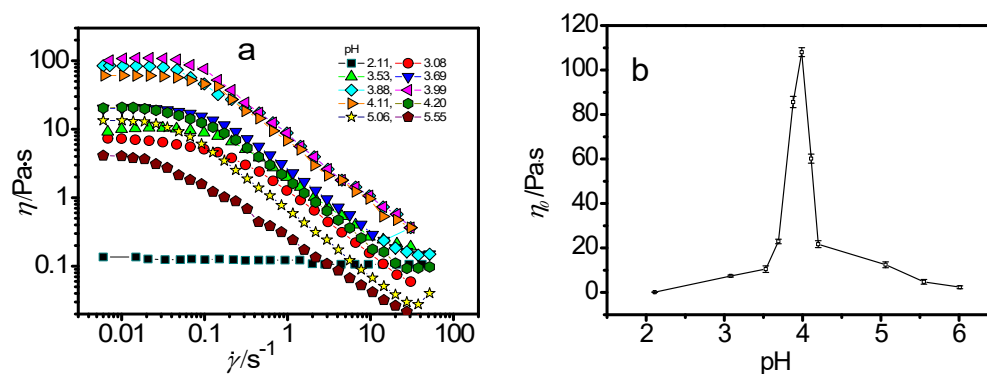
# Imparting pH and temperature dual-responsiveness in a micellar solution of cationic surfactant by introducing a hydrotrope

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**Fig. 1** The macro-morphology of the mixed solution (40 mM R<sub>16</sub>HTAB/ 40 mM SHP) at different pH values under ambient temperature.



**Fig. 2** Steady-state curves (a) and variation in zero shear viscosity (b) for 40 mM R<sub>16</sub>HTAB/ 40 mM SHP solutions at different pH values at 25 °C

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