Resonance Raman Spectroscopic Detection of Pyridylazo Complex Formed at Liquid–Liquid Interface in Centrifugal Liquid Membrane System

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Raman microscopy combined with a centrifugal liquid membrane method could measure a resonance Raman spectrum of Pd(II)–5-Br-PADAP complex formed at the heptane/water interface and the depth profile of the distribution of the interfacial species as well as those of aqueous and organic species.