

Titration of hydroxide ion in Fluorescein

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Content: To examine how much the concentration of hydroxide ion in water solution .

Experiment: Adding uranine to the solution of NaOH, we measure absorbance with the spectrometer.

Method: First we measure the absorbance of water with Uranine as the standard. Then we test the color strength of sample .
By doing so ,we check the differences of color between the some samples and the basis.



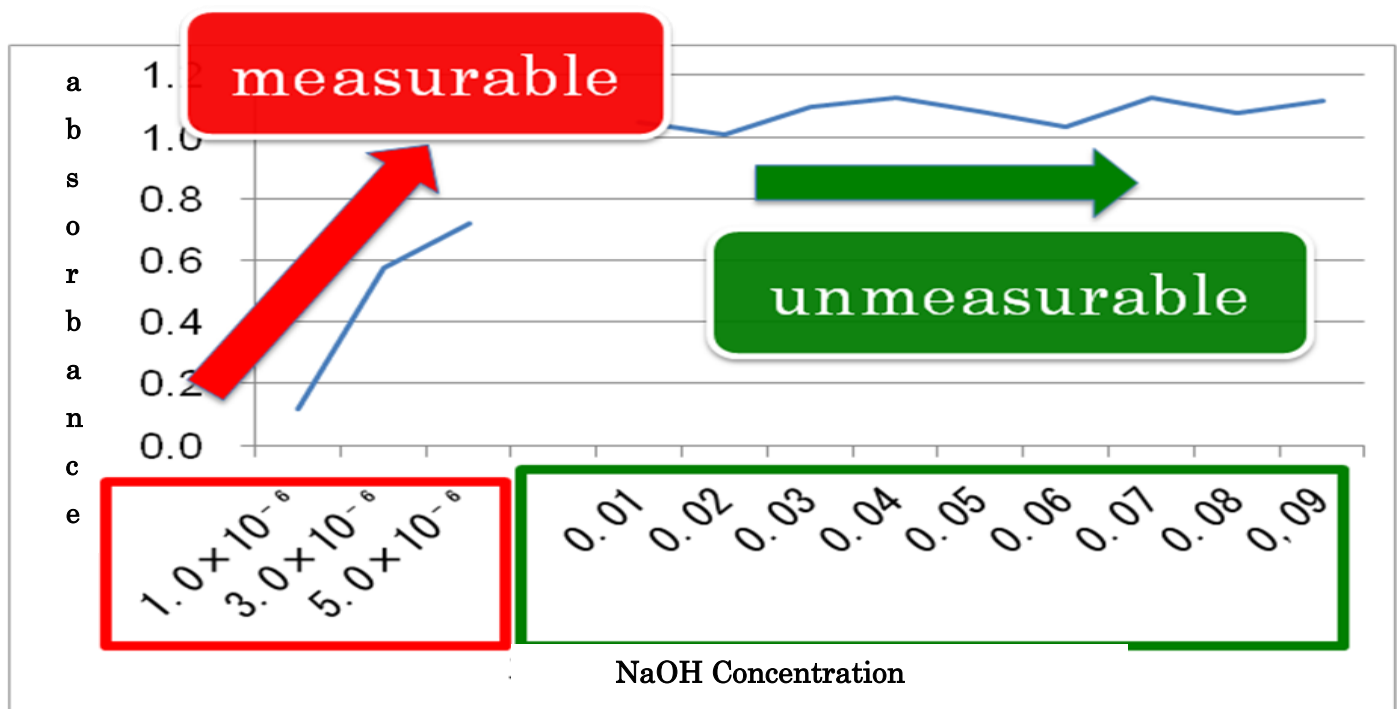
↑ Uranine



↑ Fluorescence



↑ Spectrometer



Conclusion: It is possible to measure absorbance as long as the density of NaOH is under 5.0×10^{-6} mol/L.